



# Recombinant Mouse Semaphorin-3C (Sema3c)

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| <b>Product Code</b>      | CSB-YP720289MO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Abbreviation</b>      | Sema3c                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Uniprot No.</b>       | Q62181                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Immunogen Species</b> | Mus musculus (Mouse)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Sequence</b>          | GSSQPQARVY LTFDELRETK TSEYFSLSHQ QLDYRILLMD EDQDRIYVGS<br>KDHILSLNIN NISQEPLSVF WPASTIKVEE CKMAGKDPHT GCGNFVRVIQ<br>TFNRTHLYVC GSGAFSPVCT YLNRGRSED QVFMIDSKCE SGKGRCSFNP<br>NVNTVSVMIN EELFSGMYID FMGTDAAIFR SLTKRNAVRT DQHNSKWLSE<br>PMFVDAHVIP DGTDPNDAKV YFFFKERLTD NNRSTKQIHS MIARICPNDT<br>GGQRSLVNKW TTFLKARLVC SVTDEDGPET HFDELEDVFL LETDNPRTTL<br>VYGIFTTSSS VFKGSAVCVY HLSDIQTVFN GPFAHKEGPN HQLISYQGRI<br>PYPRPGTCTPG GAFTPNMRTT KDFPDDVVTF IRNHPLMYSN IYPIHRRPLI<br>VRIGTDYKYT KIAVDRVNAA DGRYHVLFLG TDRGTVQKV VLPNTSSASG<br>ELILEELEV FKNHVPITTMK ISSKKQQLYV SSNEGVSQVS LHRCHYGTG<br>CADCCCLARDP YCAWDGHSCS RFYPTGKRRS RRQDVRHGNP<br>LTQCRGFNLK AYRNAAEIVQ YGVRNNSTFL ECAPKSPQAS IKWLLQKDKD<br>RRKEVKLNER IIATSQGLLI RSVQDSDQGL YHCIATENSF KQTIKINFK<br>VLDSEMVAVV TDKWSPWTTA GSVRALPFHP KDILGAFSHS EMQLINQYCK<br>DTRQQQQLGE EPQKMRGDYK KLKALINSRK SRNRRNQLPE S |
| <b>Source</b>            | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Target Names</b>      | Sema3c                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Names</b>     | Recommended name: Semaphorin-3C Alternative name(s): Semaphorin-E<br>Short name= Sema E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Expression Region</b> | 21-751                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Length</b>    | Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.