



# Recombinant Mouse Semaphorin-3F (Sema3f)

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| <b>Product Code</b>      | CSB-YP020985MO  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | O88632  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Mus musculus (Mouse)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | AT PIQDQLPATP RVRLSFKELK ATGTAHFFNF LLNTTDYRIL LKDEDHDRMY<br>VGSKDYVLSL DLHDINREPL IHHWAASPQR IECCILSGKD GNGECGNFVR<br>LIQPWNRTHL YVCGTGAYNP MCTYVNRGRR AQALPWTQMQ<br>VVRGRGSRAT DGADRPTPTA PRQDYIFYLE PEKLESGKGK CPYDPKLDTA<br>SALINEELYA GVIYDFMGTD AAFRTLKQKQ TAMRTDQYNS RWLNDPSFIH<br>AELIPDSAER NDDKLYFFFR ERSAEAPQNP AVYARIGRIC LNDDGGHCCL<br>VNWSTFLKA RLVCSVPGED GIETHFDELQ DVFVQQTQDV RNPVIYAVFT<br>SSGSVFRGSA VCVYSMADIR MVFNGPFAHK EGPNYQWMPF<br>SGKMPYPRPG TCPGGTFTPS MKSTKDYPDE VINFMRTHPL MYQAVYPLQR<br>RPLVVRTGAP YRLTTVAVDQ VDAADGRYEV LFLGTRGTV QKVIVLPKDD<br>QEVEELMLEE VEVFKEPAPV KTMTISSKRQ QLYVASAVGV THLSLHRCQA<br>YGAACADCCL ARDPYCAWDG QACSRYTASS KRRSRRQDVR<br>HGNPIRQCRG FNSNANKNAV ESVQYGVAGS AAFLECQPRS PQATVKWLFQ<br>RDPSDRRREI RAEDRFLRTE QGLLLRALQL GDRGLYSCTA TENNFKHIVT<br>RVQLHVLGRD AVHAALFPPL AVSVPPPPGT GPPTPPYQEL AQLLAQPEVG<br>LIHQYCQGYW RHVPPRPREA PGALRPPELQ DQKKPRNRRH HPPDT |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | Sema3f  |
| <b>Protein Names</b>     | Recommended name: Semaphorin-3F Alternative name(s): Semaphorin IV<br>Short name= Sema IV   |
| <b>Expression Region</b> | 19-785  |
| <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.   |
| <b>Shelf Life</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.