



Recombinant Human Semaphorin-3B (SEMA3B)

Product Code	CSB-EP622646HU-B
Abbreviation	SEMA3B
Storage	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.
Uniprot No.	Q13214
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	APSPPR LRLSFQELQA WHGLQTFSLR RTCCYQALLV DEERGRLFVG AENHVASLNL DNISKRAKKL AWPAPVEWRE ECNWAGKDIG TECMNFVKLL HAYNRTHLLA CGTGAFHPTC AFVEVGHRAE EPVLRLLDPGR IEDGKGGKSPY DPRHRAASVL VGEELYSGVA ADLMGRDFTI FRSLGQRPSL RTEPHDSRWL NEPKFVKVFW IPESENPDDD KIYFFFRETA VEAAPALGRL SVSRVGGQICR NDVGGQRSLV NKWTTFLKAR LVCSVPGVEG DTHFDQLQDV FLLSSRDHRT PLLYAVFSTS SSIFQGSAVC VYSMNDVRRR FLGPFHKEG PMHQWVSYQG RVPYPRPGMC PSKTFGTFFS TKDFPDDVIQ FARNHPLMYN SVLPTGGRPL FLQVGANYTF TQIAADRVAAD ADGHYDVLFI GTDVGTVLKV ISVPGKSRPS AEGLLLEELH VFEDSAAVTS MQISSKRHQL YVASRSAVAQ IALHRCAAHG RVCTECCCLAR DPYCAWDGVA CTRFQPSAKR RFRRQDVRNG DPSTLCSGDS SRPALLEHKV FGVEGSSAFL ECEPRSLQAR VEWTFQRAGV TAHTQVLAEE RTERTARGLL LRRLRRRDSG VYLCAAVEQG FTQPLRRLSL HVLSATQAER LARAEAAAPA APPGPKLWYR DFLQLVEPGG GGSANSLRMC RPQPALQSLP LESRRKGRNR RTHAPEPRAE RGPRSATHW
Source	E.coli
Target Names	SEMA3B
Protein Names	Recommended name: Semaphorin-3B Alternative name(s): Sema A(V) Semaphorin-V Short name= Sema V
Expression Region	25-749
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	The semaphorin/collapsin family of molecules plays a critical role in the guidance of growth cones during neuronal development. The secreted protein encoded by this gene family member is important in axonal guidance and has been shown to act as a tumor suppressor by inducing apoptosis.

**Reconstitution**

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

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