



Recombinant Mouse Semaphorin-3F (Sema3f)

Product Code	CSB-EP020985MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O88632
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	AT PIQDQLPATP RVRLSFKELK ATGTAHFFNF LLNTTDYRIL LKDEDHDRMY VGSKDYVLSL DLHDINREPL IHHWAASPQR IEECILSGKD GNGECGNFVR LIQPWNRTHL YVCGTGAYNP MCTYVNRGRR AQALPWTQMQ VVRGRGSRAT DGADRPTPTA PRQDYIFYLE PEKLESGK GK CPYDPKLDTA SALINEELYA GVIYDFMGTD AAFRTLKQ TAMRTDQYNS RWLNDPSFIH AELIPDSAER NDDKLYFFR ERSAPQNP AVYARIGRIC LNDDGGHCCL VNWSTFLKA RLVCSVPGED GIETHFDELQ DVFVQQTQDV RNPVIYAVFT SSGSVFRGSA VCVYSMADIR MVFNGPFAHK EGPNYQWMPF SGKMPYPRPG TCPGGTFTPS MKSTKDYPDE VINFMRTHTPL MYQAVYPLQR RPLVVRTGAP YRLTTVAVDQ VDAADGRYEV LFLGTRGTV QKVIVLPKDD QEVEELMLEE VEVFKEPAPV KTMTISSKRQ QLYVASAVGV THLSLHRCQA YGAACADCCL ARDPYCAWDG QACSRYTASS KRRSRRQDVR HGNPIRQCRG FNSNANKNAV ESVQYGVAGS AAFLECQPRS PQATVKWLFQ RDPSDRRREI RAEDRFLRTE QGLLLRALQL GDRGLYSCTA TENNFKHIVT RVQLHVLGRD AVHAALFPPL AVSVPPPPGT GPPTPPYQEL AQLLAQPEVG LIHQYCQGYW RHVPPRPREA PGALRPPELQ DQKKPRNRRH HPPDT
Source	E.coli
Target Names	Sema3f
Protein Names	Recommended name: Semaphorin-3F Alternative name(s): Semaphorin IV Short name= Sema IV
Expression Region	19-785
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
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	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.