



Recombinant Human Semaphorin-7A (SEMA7A)

Product Code	CSB-EP021000HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75326
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	QGHLRS GPRIFAVWKG HVGQDRVDFG QTEPHTVLFH EPGSSSVWVG GRGKVYLFDF PEGKNASVRT VNIGSTKGSC LDKRDCENYI TLLERRSEGL LACGTNARHP SCWNLVNGTV VPLGEMRGYA PFSPDENSLV LFEGDEVYST IRKQEYNGKI PRFRRIRGES ELYTSDTVMQ NPQFIKATIV HQDQAYDDKI YYFFREDNPD KNPEAPLNVS RVAQLCRGDQ GGESSLSVSK WNTFLKAMLV CSDAATNKNF NRLQDVFLLP DSPGQWRDTR VYGVFSNPWN YSAVCVYSLG DIDKVFRTSS LKGYHSSLPN PRPGKCLPDQ QPIPTETFQV ADRHPEVAQR VEPMGPLKTP LFHSHYHYQK VAVHRMQASH GETFHVLYLT TDRGTIHKVV EPGEQEHSFA FNIMEIQPFR RAAAIQTMSL DAERRKLYVS SQWEVSQVPL DLCEVYGGGC HGCLMSRDPY CGWDQGRCS IYSSERSVLQ SINPAEPHKE CPNPKPKAP LQKVSLAPNS RYYLSCPMES RHATYSWRHK ENVEQSCEPG HQSPNCILFI ENLTAQQYGH YFCEAQEGSY FREAQHWQLL PEDGIMAEHL LGHACALA
Source	E.coli
Target Names	SEMA7A
Protein Names	Recommended name: Semaphorin-7A Alternative name(s): CDw108 JMH blood group antigen John-Milton-Hargen human blood group Ag Semaphorin-K1 Short name= Sema K1 Semaphorin-L Short name= Sema L CD_antigen= CD108
Expression Region	45-648
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.