



# Recombinant Human Semaphorin-7A (SEMA7A)

<b>Product Code</b>	CSB-EP021000HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O75326
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>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 RYYLSCPMS            RHATYSWRHK ENVEQSCEPG HQSPNCILFI ENLTAQQYGH YFCEAQEGSY            FREAQHWQLL PEDGIMAEHL LGHACALA</p>
<b>Source</b>	E.coli
<b>Target Names</b>	SEMA7A
<b>Protein Names</b>	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
<b>Expression Region</b>	45-648
<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. 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.