



# Recombinant Human Semaphorin-3D (SEMA3D)

<b>Product Code</b>	CSB-EP020983HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O95025
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>TLKQ NIPRLKLYK DLLLSNSCIP FLGSSEGLDF QTLLEDEERG  RLLLGAKDHI FLLSLVDLNK NFKKIYWPAK KERVCLCKLA GKDANTECAN  FIRVLQPYNK THYVCGTGA FHPICGYIDL GYKEDIIFK LDTHNLESGR  LKCPFDPPQP FASVMTDEYL YSGTASDFLG KDTAFTRSLG PTHDHHYIRT  DISEHYWLNG AKFIGTFFIP DTYNPDDDKI YFFRESSQE GSTSDKTILS  RVGRVCKNDV GGQRSLINKW TTFLKARLIC SIPGSDGADT YFDELQDIYL  LPTRDERNPV VYGVFTTTSS IFKGSVAVCVY SMADIRAVFN GPYAHKESAD  HRWVQYDGRY PYPRPGTCPS KTYDPLIKST RDFPDDVISF IKRHSVMYKS  VYPVAGGPTF KRINVDYRLT QIVVDHVIAE DGQYDVMFLG TDIGTVLKVV  SISKEKWNME EVVLEELQIF KHSSIILNME LSLKQQQLYI GSRDGLVQLS  LHRCDTYGKA CADCCCLARDP YCAWDGNACS RYAPTSKRRA  RRQDVKYGDP ITQCWDIEDS ISHETADEKV IFGIEFNSTF LECIPKSQQA  TIKWYIQRSG DEHREELKPD ERIIKTEYGL LIRSLQKKDS GMYCKAQEH  TFIHTIVKLT LNVIENEQME NTQRAEHEEG KVKDLLAESR LRYKDYIQL  SSPNFSLDQY CEQMWHREKR RQRNKGPKW KHMQEMKKR  NRRHHRDLDE LPRAVAT</p>
<b>Source</b>	E.coli
<b>Target Names</b>	SEMA3D
<b>Protein Names</b>	Recommended name: Semaphorin-3D
<b>Expression Region</b>	37-777
<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.