



Recombinant Human Cerberus (CER1)

Product Code	CSB-EP005254HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95813
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	TRH QDGRQNQSSL SPVLLPRNQR ELPTGNHEEA EEKPDFVAV PHLVATSPAG EGQRQREKML SRFGRFWKPK EREMHP SRDS DSEPFPPGTQ SLIQPIDGMK MEKSPLREEA KKFVHHFMFR KTPASQGVIL PIKSHEVHWE TCRTVPFSQT ITHEGCEKVV VQNNLCFGKC GSVHFPGAAQ HSHTSCSHCL PAKFTTMHLP LNCTELSSVI KVVMLVEECQ CKVKTEHEDG HILHAGSQDS FIPGVSA
Source	E.coli
Target Names	CER1
Protein Names	Recommended name: Cerberus Alternative name(s): Cerberus-related protein DAN domain family member 4
Expression Region	18-267
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	This gene encodes a cytokine member of the cysteine knot superfamily, characterized by nine conserved cysteines and a cysteine knot region. The cerberus-related cytokines, together with Dan and DRM/Gremlin, represent a group of bone morphogenetic protein (BMP) antagonists that can bind directly to BMPs and inhibit their activity.
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.