



Recombinant Mouse Cerberus (Cer1)

Product Code	CSB-BP005254MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O55233
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	DLC VDGCQSQGS SFLLERGR DLHVNHEEA EDKPDFVAV PHLMGTSLAG EGQRQRGKML SRLGRFWKKP ETEFYPPRDV ESDHVSSGMQ AVTQPADGRK VERSPLQEEA KRFWHRFMFR KGPAFQGVIL PIKSHEVHWE TCRTVPFNQT IAHEDCQKVV VQNNLCFGKC SSIRFPGEA DAHSFCSHCS PTKFTTVHLM LNCTSPTPVV KMVMQVEECQ CMVKTERGEE RLLLAGSQGS FIPGLPASKT NP
Source	Baculovirus
Target Names	Cer1
Protein Names	Recommended name: Cerberus Alternative name(s): Cerberus-like protein Short name= Cer-I Cerberus-related protein
Expression Region	18-272
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.