



Recombinant *Xenopus laevis* Cerberus (cer1)

Product Code	CSB-EP005254XBE-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P70041
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	KHSEGRERTK TYSLNSRGYF RKERGARRSK ILLVNTKGLD EPHIGHGDFG LVAELFDSTR THTNRKEPDM NKVKLFSTVA HGNKSARRKA YNGSRRNIFS RRSFDKRNTE VTEKPGAKMF WNNFLVKMNG APQNTSHGSK AQEIMKEACK TLPFTQNIVH ENCDRMVIQN NLCFGKICISL HVPNQQDRRN TCSHCLPSKF TLNHLTLNCT GSKNVVKVVM MVEECTCEAH KSNFHQTAQF NMDTSTTLHH
Source	E.coli
Target Names	cer1
Protein Names	Recommended name: Cerberus Short name= Cer Alternative name(s): Xcer Cleaved into the following 2 chains: 1. Cerberus long Short name= 2. Cer-L 3. Cerberus short Short name= 4. Cer-S
Expression Region	21-270
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.