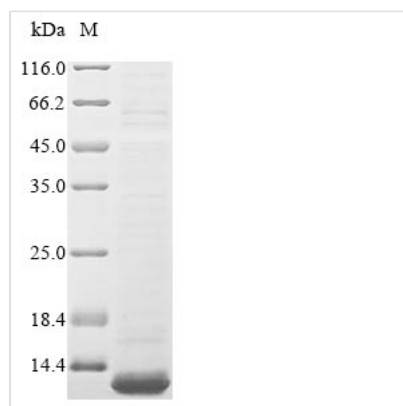




Recombinant Bombyx mori Cecropin-D (CECD)

Product Code	CSB-CF524922BTT
Relevance	Cecropins have lytic and antibacterial activity against several Gram-positive and Gram-negative bacteria.
Abbreviation	Recombinant Bombyx mori CECD protein
Storage	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.
Uniprot No.	O76146
Product Type	Transmembrane Protein
Immunogen Species	Bombyx mori (Silk moth)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	GNFFKDLKMGQVRDAVISAAPAVDTLAKAKALGQ
Research Area	Others
Source	in vitro E.coli expression system
Target Names	CECD
Expression Region	25-60aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	7.8 kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.