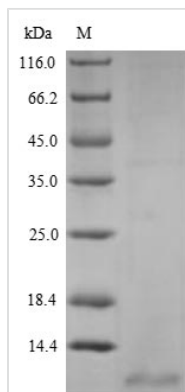




Recombinant *Anguilla japonica* C-type natriuretic peptide (cnp)

Product Code	CSB-YP323831BZH
Relevance	Hormone which plays a role in endochondral ossification through regulation of cartilaginous growth plate chondrocytes proliferation and differentiation. May also be vasoactive and natriuretic. May be important for freshwater adaptation.
Abbreviation	Recombinant <i>Anguilla japonica</i> C-type natriuretic peptide 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.	P18145
Alias	BNP-like peptide CNP-22
Product Type	Recombinant Protein
Immunogen Species	<i>Anguilla japonica</i> (Japanese eel)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	GWNRGCFGLKLDRIGSLSGGLGC
Research Area	others
Source	Yeast
Target Names	cnp
Protein Names	Recommended name: C-type natriuretic peptide Alternative name(s): BNP-like peptide CNP-22
Expression Region	110-131aa
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 and C-terminal Myc-tagged
Mol. Weight	5.8kDa
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.