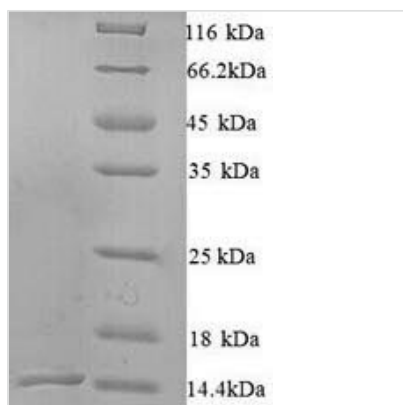




Recombinant Pinctada fucata N16.1 matrix protein

Product Code	CSB-YP871337EVV
Relevance	May be specifically involved in the formation of the nacreous layer.
Abbreviation	Recombinant Pinctada fucata N16.1 matrix 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.	Q9TVT2
Product Type	Recombinant Protein
Immunogen Species	Pinctada fucata (Akoya pearl oyster) (Pinctada imbricata fucata)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AYHKKCGRYSYCWIPYDIERDRRDNGGKKYCFCRYAWSPWQCNEEERYEWL RCGMRFYSLCCYTDDDNGNGNGNGNGNGLNYLKSLYGGYGNGNGEFREEYI DERYDN
Research Area	Others
Source	Yeast
Protein Names	Recommended name: N16.1 matrix protein Alternative name(s): N14#1
Expression Region	24-131aa
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
Mol. Weight	14.9kDa
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.