

Recombinant Pinctada fucata (Pearl oyster) N16.1 matrix protein

Catalog No: #AP71549

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Package Size: #AP71549-1 20ug #AP71549-2 100ug #AP71549-3 1mg

Description

Product Name	Recombinant Pinctada fucata (Pearl oyster) N16.1 matrix protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-131aaSequence Info:Full Length
Accession No.	Q9TVT2
Uniprot	Q9TVT2
Calculated MW	28.9 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AYHKKCGRYSYCWIPYDIERDRRDNGGKKYCFCRYAWSPWQCNEEERYEWLRCGMRFYSLCCYTDDDNG NGNGNGNGNGLNYLKSPLYGGYGNGNGEFREEYIDERYDN
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

May be specifically involved in the formation of the nacreous layer.

References

An acidic matrix protein, Pif, is a key macromolecule for nacre formation.Suzuki M., Saruwatari K., Kogure T., Yamamoto Y., Nishimura T., Kato T., Nagasawa H.Science 325:1388-1390(2009)Research Topic:Others

Note: This product is for in vitro research use only