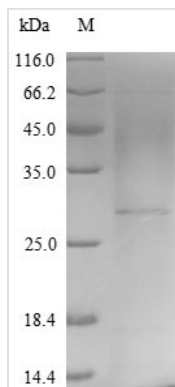




Recombinant Variola virus 14 kDa fusion protein (A27L)

Product Code	CSB-YP335866VAR
Relevance	Structural protein involved in the envelopment of mature virion (MV) to form the wrapped virion (WV). The wrapping consists of the addition of Golgi membranes to the mature virion. Participates in mature virion (MV) movement within the infected cell. May play an indirect role in MV-cell fusion
Abbreviation	Recombinant Variola virus A27L 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.	P33816
Product Type	Recombinant Protein
Immunogen Species	Variola virus (isolate Human/India/Ind3/1967) (VARV) (Smallpox virus)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MDGTLFPGDDDLAIPATEFFSTKAAKKPEAKREAIVKADGDNNEETLKQRLTNL EKKITNVTTKFEQIEKCKRNDDVLFRLNHAETLRAAMISLAKKIDVQTGRRPY E
Research Area	Others
Source	Yeast
Target Names	A27L
Protein Names	Recommended name: 14 kDa fusion protein
Expression Region	1-110aa
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	14.5 kDa
Protein Length	Full Length
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.