

Recombinant Variola Virus A27L Protein (1-110 aa), His-tagged

Cat. No. A27L-2443V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Variola Virus (isolate Human/India/Ind3/1967) (VARV) (Smallpox virus) A27L Protein (1-110 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	VARV
Source	Yeast
ProteinLength	1-110 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	14.5 kDa
AA Sequence	MDGTLFPGDDDLAIPATEFFSTKAAKKPEAKREAIVKADGDNNEETLKQRLTNLEKKI TNVTTKFEQIEKCCKRNDVLFRLNHAETLRAAMISLAKKIDVQTGRRPYE
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

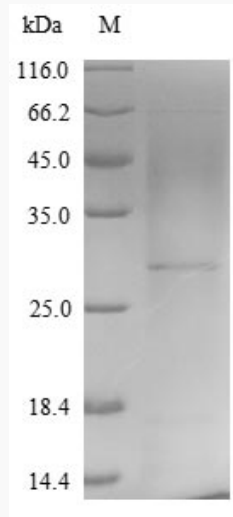
GENE INFORMATION

Synonyms

A27L;

UniProt ID

[P33816](#)



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

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