

Recombinant Vaccinia Virus K3L Protein (1-88 aa), His-SUMO-tagged

Cat. No. K3L-1905V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Vaccinia Virus (strain Western Reserve) (VACV) (Vaccinia virus (strain WR)) K3L Protein (1-88 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	VACV
Source	E.coli
ProteinLength	1-88 aa
Description	Viral mimic of eIF-2-alpha that acts as a pseudosubstrate for EIF2AK2/PKR kinase. Inhibits therefore eIF-2-alpha phosphorylation by host EIF2AK2/PKR kinase and prevents protein synthesis shutoff.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	26.6 kDa
AA Sequence	MLAFCYSLPNAGDVIKGRVYEKDYALYIYLFDPHFMAILAESVKMHMDRYVEYRDK LVGKTVKVKVIRVDYTKGYIDVNYKRMCRHQ
Purity	> 90% 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 with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name

K3L temporal expression: early [*Vaccinia virus*]

Official Symbol

K3L

Synonyms

VACWR034;

Gene ID

3707649

Protein Refseq

YP_232916

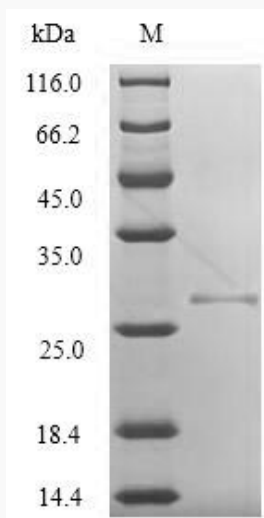
UniProt ID

P18378

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

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