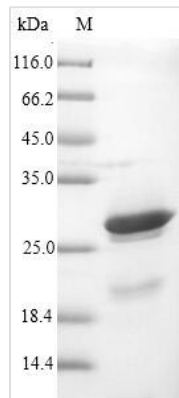




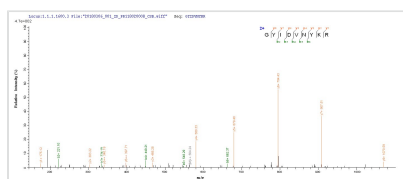
Recombinant Vaccinia virus Protein K3 (OPG041)

Product Code	CSB-EP321831VAA
Relevance	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
Abbreviation	Recombinant Vaccinia virus protein K3 (OPG041) 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.	P20639
Product Type	Recombinant Proteins
Immunogen Species	Vaccinia virus (strain Copenhagen) (VACV)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MLAFCYSLPNAGDVIKGRVYEKDYALYIYLFDYPHSEAILAESVKMHMDRYVEY RDKLVGKTVKVKVIRVDYTKGYIDVNYKRMCRHQ
Research Area	Others
Source	E.coli
Target Names	OPG041
Protein Names	Recommended name: Protein K3
Expression Region	1-88aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	26.5kDa
Protein Length	Full Length

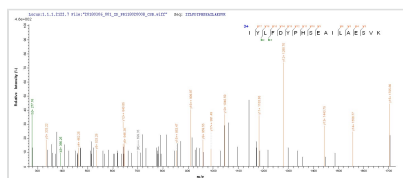
Image



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



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP321831VAA could indicate that this peptide derived from E.coli-expressed Vaccinia virus (strain Copenhagen) (VACV) K3L.



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Shelf Life

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