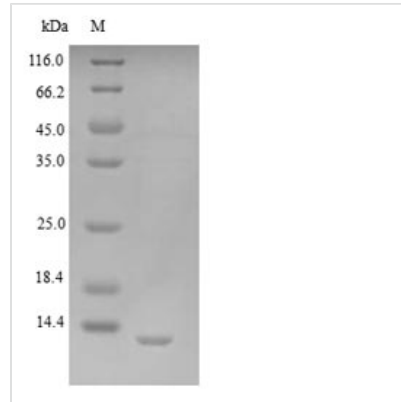




Recombinant Vaccinia virus Protein K3 (VACWR034)

Product Code	CSB-YP323585VAI
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 VACWR034 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.	P18378
Alias	Protein K2
Product Type	Recombinant Protein
Immunogen Species	Vaccinia virus (strain Western Reserve) (VACV) (Vaccinia virus (strain WR))
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MLAFCYSLPNAGDVIKGRVYEKDYALYIYLFDPHFEEAILAESVKMHMDRYVEY RDKLVGKTVKVKVIRVDYTKGYIDVNYKRMCRHQ
Research Area	Others
Source	Yeast
Target Names	VACWR034
Protein Names	Recommended name: Protein K3 Alternative name(s): Protein K2
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-tagged
Mol. Weight	12.6kDa
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.