

Vaccinia virus Protein K3 Recombinant Protein | VACWR034 recombinant protein

Recombinant Vaccinia virus Protein K3 (VACWR034)

CATALOG # AAA114523	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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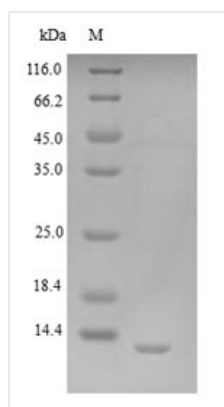
PRODUCT SYNONYMS

Vaccinia virus Protein K3; Recombinant Vaccinia virus Protein K3 (VACWR034); Protein K2; VACWR034 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-88aa; Full Length
Sequence	MLAFCYSLPN AGDVIKGRVY EKDYALYIYL FDYPHF EAIL AESVKMHMDR YVEYRDKLVG KTVKVKVIRV DYTKGYIDVN YKRMCRHQ
Species	Vaccinia virus (strain Western Reserve) (VACV) (Vaccinia virus (strain WR))
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for VACWR034 recombinant protein	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.
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References	"Recombinant vaccinia virus K3L gene product prevents activation of double-stranded RNA-dependent, initiation factor 2 alpha-specific protein kinase." Carroll K., Elroy-Stein O., Moss B., Jagus R. J. Biol. Chem. 268:12837-12842(1993)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66275831
NCBI GeneID	3707649
NCBI Accession #	YP_232916.1
NCBI GenBank Nucleotide #	NC_006998.1
UniProt Accession #	P18378; Q76ZX7; AAO89313
Molecular Weight	12.6 kDa
NCBI Official Full Name	interferon resistance protein
NCBI Official Symbol	K3L
NCBI Protein Information	interferon resistance protein
UniProt Protein Name	Protein K3
UniProt Gene Name	VACWR034
UniProt Entry Name	K3_VACCW

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.