

Recombinant Human VRK1 Protein

Cat. No. VRK1-1306H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VRK1 Protein(Q99986) (Met 1-Lys 396) was expressed and purified in Insect Cells with two additional amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-396 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.
Molecular Mass	The secreted recombinant human VRK1 consists of 398 amino acids and predicts a molecular mass of 45.6 KDa. The apparent molecular mass of the protein is approximately 47 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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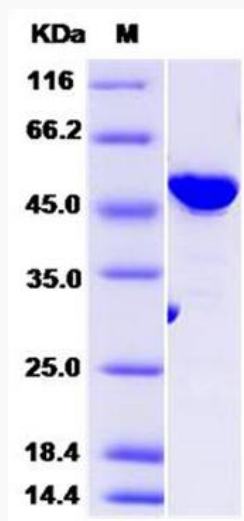
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GENE INFORMATION

Gene Name	VRK1 vaccinia related kinase 1 [Homo sapiens]
Official Symbol	VRK1
Synonyms	VRK1; vaccinia related kinase 1; serine/threonine-protein kinase VRK1; vaccinia-related kinase 1; vaccinia virus B1R-related kinase 1; PCH1; MGC117401; MGC138280; MGC142070;
Gene ID	7443
mRNA Refseq	NM_003384
Protein Refseq	NP_003375
MIM	602168
UniProt ID	Q99986

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SDS-PAGE



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