

Recombinant Human VRK1 protein(Met1-Lys396)

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

SPECIFICATION

Product Overview	Recombinant Human VRK1 (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	Met1-Lys396
Form	Supplied as 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	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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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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 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA