

Recombinant Human VRK1 Protein, His & GST-tagged

Cat. No. VRK1-322H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human VRK1 (Q99986) (Met 1-Lys 396) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-396 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly, 5%~8% trehalose and mannitol.
Bio-activity	No Kinase Activity
Molecular Mass	The recombinant human VRK1/GST chimera consists of 633 amino acids and has a calculated molecular mass of 73 KDa. It migrates as an approximately 65-70 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>88 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

 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

Storage	Store it under sterile conditions at -20°C~-70°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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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
Chromosome Location	14q32

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