

Recombinant Human VRK3

Cat. No. VRK3-31742TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human VRK3 protein, 55 kDa.
Species	Human
Source	E.coli
Description	This gene encodes a member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. In both human and mouse, this gene has substitutions at several residues within the ATP binding motifs that in other kinases have been shown to be required for catalysis. In vitro assays indicate the protein lacks phosphorylation activity. The protein, however, likely retains its substrate binding capability. This gene is widely expressed in human tissues and its protein localizes to the nucleus. Alternative splicing results in multiple transcripts encoding different isoforms.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Full Length	Full L.

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GENE INFORMATION

Gene Name	VRK3 vaccinia related kinase 3 [Homo sapiens]
Official Symbol	VRK3
Synonyms	VRK3; vaccinia related kinase 3; inactive serine/threonine-protein kinase VRK3;
Gene ID	51231
mRNA Refseq	NM_001025778
Protein Refseq	NP_001020949
Uniprot ID	Q8IV63
Chromosome Location	19q13.33
Function	ATP binding; nucleotide binding; protein kinase activity; protein phosphatase binding; transferase activity, transferring phosphorus-containing groups;

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