Recombinant Human VRK2 Protein, His&GST-tagged

Cat. No. VRK2-574H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VRK2 Protein (Met1-Gln290) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gln290
Description	This gene encodes a member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. The encoded protein acts as an effector of signaling pathways that regulate apoptosis and tumor cell growth. Variants in this gene have been associated with schizophrenia. Alternative splicing results in multiple transcript variants that differ in their subcellular localization and biological activity.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 63.2 kDa Accurate Molecular Mass: 63 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	VRK2 vaccinia related kinase 2 [Homo sapiens (human)]
Official Symbol	VRK2
Synonyms	VRK2; vaccinia related kinase 2; serine/threonine-protein kinase VRK2; vaccinia virus B1R-related kinase 2
Gene ID	7444
mRNA Refseq	NM_001130480
Protein Refseq	NP_001123952
MIM	602169
UniProt ID	Q86Y07

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