

Recombinant Human VRK1 (N-GST tag)

Cat No:HR2R2066

For research use only

Overview

Quantity	10 µg
Gene Symbol	VRK1
Gene ID	N/A
Accession	NM_003384
Alternative Name	MGC117401; MGC138280; MGC142070
Species	Human
Source	Insect cells
Description	VRK1 is a member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. VRK1 is widely expressed in human tissues and actively dividing cells, such as those in testis, leukocytes, fetal liver and carcinomas. VRK1 regulate cell proliferation and phosphorylates histone, casein, and the transcription factors ATF2 (activating transcription factor 2) and c-JUN. The spinal muscular atrophy with pontocerebellar hypoplasia is caused by a mutation in the VRK1 gene.
Functions	The specific activity of VRK1 was determined to be 2 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	71
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.