Recombinant Human HIPK3 (N-His tag)

Cat No:HR2R1497

For research use only

Overview

Quantity	10 ?g
Gene Symbol	HIPK3
Gene ID	N/A
Accession	NM_005734
Alternative Name	PKY, YAK1, DYRK6, FIST3
Species	Human
Source	Insect cells
Description	HIPK3 (homeodomain interacting protein kinase 3) is a member of the HIPK family and is involved in apoptosis . JNK regulates the expression of HIPK3 in prostate cancer cells and this contributes to increased resistance to Fas receptor-mediated apoptosis by reducing the interaction between FADD and caspase-8 . HIPK3 has been reported to phosphorylate FADD and is implicated in multidrug resistance in a number of tumors. HIPK3 increases transcription factor SF-1 activity leading to increased steroidogenic gene expression in response to cAMP signaling.?
Functions	The specific activity of HIPK3 was determined to be 48 nmol/min/mg as per activity assay protocol
Formulation	50mM NaPhosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.2mM DTT, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	49
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.