Recombinant Human DAPK1 (N-GST tag)

Cat No:HR2R1318

For research use only

Overview

Quantity	10 ?g
Gene Symbol	DAPK1
Gene ID	N/A
Accession	NM_004938
Alternative Name	DAPK, DKFZp781I035
Species	Human
Source	Insect cells
Description	Death-associated protein kinase 1 (DAPK1) is a positive mediator of apoptosis induced by ?-interferon. Activation of DAPK occurs via dephosphorylation of Ser-308 and subsequent association of calcium/calmodulin . DAPK is rapidly dephosphorylated in response to tumor necrosis factor or ceramide and then subsequently degraded via proteasome activity. The decline in DAPK expression is paralleled with increased caspase activity and cell apoptosis. Studies suggest that the apoptosis regulatory activities mediated by DAPK are controlled both by phosphorylation status and protein stability .
Functions	The specific activity of DAPK1 was determined to be49 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 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.