Recombinant Human DAPK3 (N-GST tag)

Cat No:HR2R1320

For research use only

Overview

Quantity	10 ?g
Gene Symbol	DAPK3
Gene ID	N/A
Accession	NM_001348
Alternative Name	ZIP, ZIPK, FLJ36473
Species	Human
Source	Insect cells
Description	DAPK3 or Death-associated protein kinase 3 (also known as ZIP) plays a role in apoptosis . DAPK3 is a nuclear serine/threonine-specific kinase that phosphorylates core histones H3 and H4, and myosine light chain in vitro. DAPK3 interacts with transcription and splicing factors as well as with pro-apoptotic protein Par-4 suggesting that it participates in multiple cellular processes. DAPK3 contains a leucine zipper structure at its C terminus and this region is responsible for binding to ATF4. The leucine zipper domain is necessary for the homodimerization of DAPK3 as well as for the activation of the kinase .
Functions	The specific activity of DAPK3was determined to be 37 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	79
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.