Recombinant Human DAPK2 (N-GST tag)

Cat No:HR2R1319

For research use only

Overview

Quantity	10 ?g
Gene Symbol	DAPK2
Gene ID	N/A
Accession	NM_014326
Alternative Name	DRP-1; MGC119312
Species	Human
Source	Insect cells
Description	DAPK2 or death-associated protein kinase 2 belongs to a family of proapoptotic Ca(2+)/calmodulin-regulated serine/threonine kinases. Overexpression of DAPK2 induces cell apoptosis. DAPK2 has been shown to be a novel Sp1-dependent target gene for E2F1 and Kr?ppel-like factor 6 (KLF6) in cell death response . Both E2F1 and KLF6 strongly activate the DAPK2 promoter. DAPK2 plays a role in granulopoiesis where it is highly expressed. ?-catenin can block anoikis of malignant kidney and intestinal epithelial cells and promote their anchorage-independent growth by down-regulating DAPK2 . ?-catenin-induced down-regulation of DAPK2 requires the presence of the transcription factor TCF-4.?
Functions	The specific activity of DAPK2 was determined to be 136nmol /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	67
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.