Recombinant Human DYRK2 (N-GST tag)

Cat No:HR2R1332

For research use only

Overview

Quantity	10 ?g
Gene Symbol	DYRK2
Gene ID	N/A
Accession	NM_006482
Alternative Name	FLJ21217; FLJ21365
Species	Human
Source	Insect cells
Description	DYRK2 (also known as dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2) belongs to a family of protein kinases whose members are presumed to be involved in cellular growth and/or development and is defined by structural similarity of their kinase domains and their capability to autophosphorylate on tyrosine residues. DYRK2 expressed in E. coli demonstrated tyrosine autophosphorylation and catalyzed phosphorylation of histones H3 and H2B in vitro . DYRK2 also regulates p53 to induce apoptosis in response to DNA damage .
Functions	The specific activity of DYRK2 was determined to be1,250 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	95
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.