Recombinant Human DYRK4 (N-GST tag)

Cat No:HR2R1334

For research use only

Overview

Quantity	10 ?g
Gene Symbol	DYRK4
Gene ID	N/A
Accession	NM_003845
Alternative Name	None
Species	Human
Source	Insect cells
Description	DYRK4 or dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 4 plays an important role in cell proliferation, survival, and development . Northern blot analysis shows DYRK4 is highly expressed in the testis with a very restricted expression to stage VIII postmeiotic spermatids . Analysis of a DYRK4 deficient mouse line showed that DYRK4 is dispensable for male fertility, hence suggesting a functional redundancy of some DYRK isoforms during spermiogenesis. DYRK4 protein contains a DYRK homology box in its N-terminal half, followed by a central kinase domain with a YxY loop.
Functions	The specific activity of DYRK4 was determined to be 36 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	90
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.