

Recombinant Human DYRK1A, GST-tagged

Cat. No. DYRK1A-19H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human full length DYRK1A, fused with GST tag, was expressed in Baculovirus.
Species	Human
Source	Insect Cells
Description	DYRK1A is a dual specificity kinase involved in cell proliferation. The gene for DYRK1A is located in the Down syndrome critical region of chromosome 21, and has been implicated in the pathogenesis of this disease.
Molecular Mass	113 kDa
Applications	Kinase Assay
Form	Lyophilized
Storage	Shipped at 4oC. Upon delivery aliquot and store at -20oC. Avoid freeze / thaw cycles.
OfficialSymbol	DYRK1A
Full Length	Full L.

GENE INFORMATION

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Gene Name	DYRK1A dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A [Homo sapiens (human)]
Synonyms	DYRK1A; dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A; DYRK; DYRK1; MNBH; dual specificity tyrosine-phosphorylation-regulated kinase 1A
Gene ID	1859
mRNA Refseq	NM_001396
Protein Refseq	NP_001387
MIM	600855
UniProt ID	Q13627
Chromosome Location	21q22.13
Pathway	Cell Cycle, Mitotic, organism-specific biosystem; G0 and Early G1, organism-specific biosystem; Hedgehog Signaling Pathway, organism-specific biosystem; Mitotic G1-G1/S phases, organism-specific biosystem
Function	ATP binding; kinase activity; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding

Rendering based
onPDB 2VX3.



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