

Recombinant Human DYRK1B 293 Cell Lysate

Cat. No. DYRK1B-6751HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B (DYRK1B), transcript variant a is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

DYRK1B dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B [Homo sapiens]

Official Symbol

DYRK1B

Synonyms

DYRK1B; dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B; dual specificity tyrosine-phosphorylation-regulated kinase 1B; minibrain related kinase; MIRK; mirk protein kinase; minibrain-related kinase;

Gene ID

9149

mRNA Refseq

NM_004714

Protein Refseq

NP_004705

MIM

604556

UniProt ID

Q9Y463

Chromosome Location

19q12-q13.1

Function

ATP binding; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity; protein serine/threonine/tyrosine kinase activity; protein tyrosine kinase activity; transcription coactivator activity;

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