

Recombinant Full Length Human DYRK1B Protein, GST-tagged

Cat. No. DYRK1B-4075HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DYRK1B full-length ORF (NP_004705.1, 1 a.a. - 629 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	629 amino acids
Description	This gene encodes a member of a family of nuclear-localized protein kinases. The encoded protein participates in the regulation of the cell cycle. Expression of this gene may be altered in tumor cells, and mutations in this gene were found to cause abdominal obesity-metabolic syndrome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]
Molecular Mass	95.6 kDa
AA Sequence	MAVPPGHGPFSGFPGPQEHTQVLPDVRLPRRLPLAFRDATSAPLRKLSVDLIKTYK HINEVYYAKKKRRAQQAPPQDSSNKKEKKVLNHGYDDDNHDYIVRSGERWLERYEI DSLIGKGSFGQVVKAYDHQTQELVAIKIKNKKAFLNQAQIELRLLLELMNQHDTEMKY YIVHLKRHFMRNHLCLVFELLSYNLYDLLRNTHFRGVSLNLTRKLAQQLCTALLFLA TPELSIIHCDLKPENILLCNPKRSAIKIVDFGSSCQLGQRIYQYIQSRFYRSPEVLLGTP YDLAIDMWSLGCILVEMHTGEPLFSGSNEVDQMNRIVEVLGIPPAAMLDQAPKARKY FERLPGGGWTLRRTKELRKDYQGGPTRRLQEV LGVQTGGPGGRRAGEPGHSPAD

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YLRFQDLVLRMLEYEPAAARISPLGALQHGGFFRRTADEATNTGPAGSSASTSPAPLDT
 CPSSSTASSISSSGSSGSSSDNRTYRYSNRYCGGPGPPITDCEMNSPQVPPSQPL
 RPWAGGDVPHKTHQAPASASSLPGTGAQLPPQPRYLGRPPSPTSPPPPELMDVSL
 VGGPADCSPPHPAPAPQHPAASALRTRMTGGRPPLPPPDDPATLGPHLGLRGVPQ
 STAASS

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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Protein Refseq	NP_004705
MIM	604556
UniProt ID	Q9Y463

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