

Recombinant Human DYRK1B Protein, GST-tagged

Cat. No. DYRK1B-2984H **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	Wheat Germ
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 DSLIGKGSFGQVVKAYDHQTQELVAIKIKNKKAFLNQAQIELRLLELMNQHDTEMKY YIVHLKRHFMRNHLCLVFELLSYNLYDLLRNTHFRGVSLNLTRKLAQQLCTALLFLA TPELSIIHCDLKPENILLCNPKRSAIKIVDFGSSCQLGQRIYQYIQSRFYRSPEVLLGTP YDLAIDMWSLGCILVEMHTGEPLFSGSNEVDQMNRIVEVLGIPPAAMLDQAPKARKY FERLPGGGWTLRRTKELRKDYQGPGRRLQEV LGVQTGGPGGRRAGEPGHSPAD YLRFDLVLRMLEYEPAAARISPLGALQHGGFFRTADEATNTGPAGSSASTSPAPLDT CPSSSTASSISSSGGSSGSSSDNRTYRYSNRYCGGPGPPITDCEMNSPQVPPSQPL

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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

Protein Refseq

NP_004705

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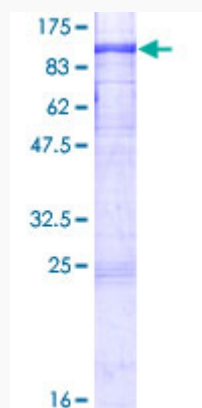
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MIM 604556

UniProt ID Q9Y463

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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