

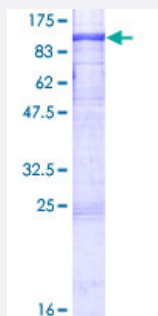
Full-Length

DYRK1B (Human) Recombinant Protein (P01)

Catalog # H00009149-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DYRK1B full-length ORF (NP_004705.1, 1 a.a. - 629 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAVPPGHGPFSGFPGPQEHTQVLPDVRLPRRLPLAFRDATSAPLRKLSVDLIKTYKHINEVYYAK
KKRRAQQAPPQDSSNKKEKKVLNHGYDDDNHDYVRSGERWLERYEIDSLIGKGSFGQVVKAYD
HQTQELVAIKIKNKAFLNQAQIELRLELMNQHDTEMKYIVHLKRHFMRNHLCLVFELLSYNLY
DLLRNTHFRGVSLNLRKLAQQQLCTALLFLATPELSIIHCDLKPENILLCNPKRSAIKMDFGSSCQL
GQRIYQYQSRFYRSPEVLLGTPYDLAIDMWSLGCILVEMHTGEPLFSGSNEVDQMNRMEVLGIPP
AAMLDQAPKARKYFERLPGGGWTLRRTKELRKDYQGPGTRRLQEVLGVTGGPGGRRAGEPGH
SPADYLRFDLVLRLMEYEPAAARISPLGALQHGFRRRTADEATNTGPAGSSASTSPAPLDTCPSS
STASSISSGGSSGSSSDNRTYRYSNRYCGGPGPPITDCMNSPQVPPSQPLRPWAGGDVPHK
THQAPASASSLPGTGAQLPPQPRYLGRPPSPTSPPPPELMDVSLVGGPADCSPPHPAPAPQHP
AASALRTRMTGGRPPLPPPDDPATLGPHLGLRGVPQSTAASS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

95.6

Interspecies Antigen Sequence

Mouse (97); Rat (91)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — DYRK1B

Entrez GeneID	9149
GeneBank Accession#	NM_004714.1
Protein Accession#	NP_004705.1
Gene Name	DYRK1B
Gene Alias	MIRK
Gene Description	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B
Omim ID	604556
Gene Ontology	Hyperlink
Gene Summary	DYRK1B is a member of the DYRK family of protein kinases. DYRK1B contains a bipartite nuclear localization signal and is found mainly in muscle and testis. The protein is proposed to be involved in the regulation of nuclear functions. Three isoforms of DYRK1B have been identified differing in the presence of two alternatively spliced exons within the catalytic domain. [provided by RefSeq]
Other Designations	minibrain-related kinase