

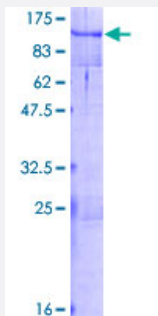
Full-Length

MYBL2 (Human) Recombinant Protein (P02)

Catalog # H00004605-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MYBL2 full-length ORF (NP_002457.1, 1 a.a. - 700 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSRRTRCEDLDELHYQD TSDVPEQRDSKCKVKWTHEEDEQLRALVRQFGQQDWKFLASHFP
NRTDQQCQYRWLRVLNPD LVKGPWTKEEDQKVIELVKKYGTKQWTLIAKHLKGR LGKQCRERW
HNHLNPEVKKSCWTEEEEDRIICEAHKVLGNRWAEIAKMLPGRTDNAVKNHWNSTIKRKVD TGGFL
SESKDCKPPVYLLLELEDKDGLQSAQPTGQGSLLTNWPSVPPTIKEEENSEEELAAATTSKEQ
EPIGTDLDAVRTPEPLEEFPKREDQEGSPPETSLPYKWVVEAANLLIPAVGSSLSEALDIESDPD
AWCDLSKFDLPEEPSAEDSINNSLVQLQASHQQQVLPPRQPSALVPSVTEYRLDGHTISDLSRS
SRGELIPISPSTEVGSGIGTPPSVLKRQRKRVALSPVTENSTLSFLDSCNSLTPKSTPVKTLPF
SPSQFLNFWNKQDTLELESPLTSTPVCSQKVVTTP LHRDKTPLHQKHAAFVTPDQKYSMDNT
PHTPTPFKNALEKYGPLKPLPQTPHLEEDLKEVLRSEAGIELIIEDDIRPEKQKRKPGLRRSPIKKVR
KSLALDVIDEDVKLMMSTLPKSLSLPTTAPSNSSSLTSGIKEDNSLLNQGLQAKPEKAAVAQKP
RSHFTTPAPMSSAWKTVACGGTRDQLFMQE KARQLLGRLKPSHTSRTLILS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

105.2

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 — MYBL2

Entrez GeneID	4605
GeneBank Accession#	NM_002466.2
Protein Accession#	NP_002457.1
Gene Name	MYBL2
Gene Alias	B-MYB, BMYB, MGC15600
Gene Description	v-myb myeloblastosis viral oncogene homolog (avian)-like 2
Omim ID	601415
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene, a member of the MYB family of transcription factor genes, is a nuclear protein involved in cell cycle progression. The encoded protein is phosphorylated by cyclin A/cyclin-dependent kinase 2 during the S-phase of the cell cycle and possesses both activator and repressor activities. It has been shown to activate the cell division cycle 2, cyclin D1, and insulin-like growth factor-binding protein 5 genes. Transcript variants may exist for this gene, but their full-length natures have not been determined. [provided by RefSeq]
Other Designations	MYB-related protein B OTTHUMP00000031719 v-myb avian myeloblastosis viral oncogene homolog-like 2

Disease

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)