

# Recombinant Full Length Human MYBL2 Protein, GST-tagged

**Cat. No.** MYBL2-6653HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human MYBL2 full-length ORF ( AAH07585.1, 1 a.a. - 700 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 700 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | 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] |
| <b>Molecular Mass</b>   | 102.74 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MSRRTRCEDLDELHYQDTSVDVPEQRDSKCKVKWTHEEDEQLRALVRQFGQQDW<br>KFLASHFPNRTDQQCQYRWLRVLNPDLVKGPWTKEEDQKVIELVKKYGTKQWTLIA<br>KHLKGRLGKQCRERWHNHLNPEVKKSCWTEEDRIICEAHKVLGNRWAEIAKMLPG<br>RTDNAVKNHWNSTIKRKVDTGGFLSESKDCKPPVYLLLELEDKDGLQSAQPTGEGG<br>SLLTNWPSVPPTIKEEENSEEELAAATTSKEQEPIGTDLDAVRTPEPLEEFPKREDQE<br>GSPPETSLPYKWVVEAANLLIPAVGSSLSEALDLIESDPDAWCDLSKFDLPEEPSAE                                                                                                                                                                                                               |

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DSINNSLVQLQASHQQVLPQRQPSALVPSVTEYRLDGHTISDLRSSRGELIPISPS  
TEVGGSGIGTPPSVLKRQRKRRVALSPVTENSTSLSFLDSCNSLTPKSTPVKTL PFS  
PSQFLNFWNKQDTLELESPLTSTPVCSQKVVVTTPLHRDKTPLHQKHA AFVTPDQ  
KYSMDNTPHTPTPFKNALEKYGPLKLPQTPHLEEDLKEVLRSEAGIELIEDDIRPEK  
QKRKPGLRRSPIKKVRKSLALDIVDEDVKLMMSTLPKSLSLPTTAPSNSSSLALSGIK  
EDNSLLNQGFLQAKPEKAAVAQKPRSHFTTPAPMSSARKTVACGGTRDQLFMQEK  
ARQLLGR LKPSHTSRTLILS

**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**

MYBL2 v-myb myeloblastosis viral oncogene homolog (avian)-like 2 [ Homo sapiens ]

**Official Symbol**

MYBL2

**Synonyms**

MYBL2; v-myb myeloblastosis viral oncogene homolog (avian)-like 2; v myb avian myeloblastosis viral oncogene homolog like 2; myb-related protein B; B MYB; BMYB; myb-like protein 2; v-myb avian myeloblastosis viral oncogene homolog-like 2; B-MYB; MGC15600;

**Gene ID**

4605

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|                |           |
|----------------|-----------|
| mRNA Refseq    | NM_002466 |
| Protein Refseq | NP_002457 |
| MIM            | 601415    |
| UniProt ID     | P10244    |

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