

# Recombinant Human MYBL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** MYBL2-3130H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | MYBL2 MS Standard C13 and N15-labeled recombinant protein (NP_002457) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <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. Two transcript variants encoding different isoforms have been found for this gene. |
| <b>Molecular Mass</b>   | 78.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MSRRTRCEDLDELHYQDSDVPEQRDSKCKVKWTHEEDEQLRALVRQFGQQDW<br>KFLASHFPNRTDQQCQYRWLRVLNPDLVKGPWTKEEDQKVIELVKKYGTKQWTLIA<br>KHLKGR LGKQCRERWHNHLNPEVKKSCWTEEDRIICEAHKVLGNRWAEIAKMLPG<br>RTDNAVKNHWNSTIKRKVD TGGFLSESKDCKPPVYLLLELEDKDGLQSAQPTGQG<br>SLLTNWPSVPPTIKEEENSEEELAAATTSKEQEPIGTDLDAVRTPEPLEEFPKREDQE<br>GSPPETSLPYKWWVEAANLLIPAVGSSLSEALDIESDPDAWCDLSKFDLPEEPSAE                                                                                                                                                                          |

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DSINNSLVQLQASHQQVLPQRQPSALVPSVTEYRLDGHTISDLRSSRGELIPISPS  
TEVGGSGIGTPPSVLKRQRKRRVALSPVTENSTLSFLDSCNSLTPKSTPVKTL PFS  
PSQFLNFWNKQDTLELESPLTSTPVCSQKVVVTTPLHRDKTPLHQKHA AFVTPDQ  
KYSMDNTPHTPTPFKNALEKYGPLKPLPQTPHLEEDLKEVLRSEAGIELIEDDIRPEK  
QKRKPGLRRSPIKKVRKSLALDIVDEDVKLMMSTLPKSLSLPTTAPSNSSSLT LSGIK  
EDNSLLNQGFLQAKPEKAAVAQKPRSHFTTPAPMSSAWKTVACGGTRDQLFMQEK  
ARQLLGRLKPSHTSRTLILSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** MYBL2 MYB proto-oncogene like 2 [ Homo sapiens (human) ]

**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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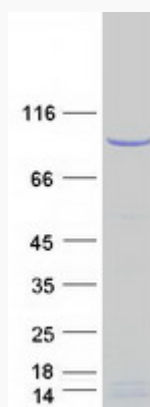
mRNA Refseq NM\_002466

Protein Refseq NP\_002457

MIM 601415

UniProt ID P10244

SDS-PAGE



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