

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

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

SPECIFICATION

Product Overview	MYBL2 MS Standard C13 and N15-labeled recombinant protein (NP_002457) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	78.8 kDa
AA Sequence	MSRRTRCEDLDELHYQDTSDVPEQRDSKCKVKWTHEEDEQLRALVLRQFGQQDW KFLASHFPNRTDQQCQYRWLRVLNPDLVKGPWTKEEDQKVIELVKKYGTKQWTLIA KHLKGR LGKQCRERWHNHLNPEVKKSCWTEEDRIICEAHKVLGNRWAEIAKMLPG RTDNAVKNHWNSTIKRKVD TGGFLSESKDCKPPVYLLLELEDKDGLQSAQPTGQG SLLTNWPSVPPTIKEEENSEEELAAATTSKEQEPIGTDLDAVRTPEPLEEFPKREDQE GSPPETSLPYKWWVEAANLLIPAVGSSLSEALDIESDPDAWCDLSKFDLPEEPSAE

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DSINNSLVQLQASHQQVLPQRQPSALVPSVTEYRLDGHTISDLRSSRGELIPISPS
TEVGGSGIGTPPSVLKRQRKRRVALSPVTENSTLSFLDSCNSLTPKSTPVKTLPPS
PSQFLNFWNKQDTLELESPSLTSTPVCSQKVVVTTPLHRDKTPLHQKHAAFVTPDQ
KYSMDNTPHTPTPFKNALEKYGPLKPLPQTPHLEEDLKEVLRSEAGIELIEDDIRPEK
QKRKPGLRRSPIKKVRKSLALDIVDEDVKLMMSTLPKSLSLPTTAPSNSSSLTSLGK
EDNSLLNQGFLQAKPEKAAVAQKPRSHFTTPAPMSSAWKTVACGGTRDQLFMQEK
ARQLLGRKPSHTSRTLILSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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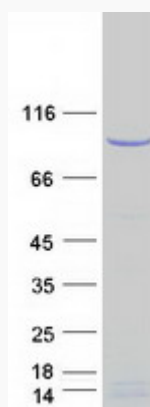
mRNA Refseq NM_002466

Protein Refseq NP_002457

MIM 601415

UniProt ID P10244

SDS-PAGE



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