

Recombinant Full Length Human MYBL2 Protein, C-Flag-tagged

Cat. No. MYBL2-1690HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MYBL2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	78.6 kDa
AA Sequence	MSRRTRCEDLDELHYQDTSDVPEQRDSKCKVKWTHEEDEQLRALVRQFGQQDW KFLASHFPNRTDQQCQ YRWLRVLNPDLVKGPWTKEEDQKVIELVKKYGTKQWTLIA KHLKGRLGKQCRERWHNHLNPEVKKSCWTE EEDRIICEAHKVLGNRWAEIAKMLP GRTDNAVKNHWNSTIKRKVDTGGFLSESKDCKPPVYLLLELEDKD GLQSAQPTGEG QGSLLTNWPSVPPTIKEEENSEEELAAATTSKEQEPIGTDLDVRTPEPLEEFPKRE

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DQE GSPPETSLPYKWVVEAANLLIPAVGSSLSEALDLIESDPDAWCDLSKFDLPEEP
 SAEDSINNSLVQLQAS HQQQVLPPRQPSALVPSVTEYRLDGHTISDLRSSRGELIPI
 SPSTEVGSGIGTPPSVLKRQRKRRVAL SPVTENSTSLSFLDSCNSLTPKSTPVKTL
 PFSPSQFLNFWNKQDTLELESPSLTSTPVC SQKVVTTPH RDKTPLHQKHAFAVT
 PDQKYSMDNTPHTPTPFKNALEKYGPLKPLPQTPHLEEDLKEVLRSEAGIELIIE DDI
 RPEKQKRKPGLRRSPIKKVRKSLALDIVDEDVKLMMSTLPKSLSLPTTAPSNSSSLTL
 SGIKEDNSL LNQGFLQAKPEKAAVAQKPRSHFTTPAPMSSAWKTVACGGTRDQLF
 MQEKARQLLGRKPSHTSRTLILSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
Full Length	Full L.

GENE INFORMATION

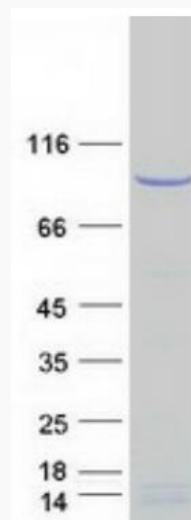
Gene Name	MYBL2 MYB proto-oncogene like 2 [Homo sapiens (human)]
Official Symbol	MYBL2

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Synonyms	BMYP; B-MYP
Gene ID	4605
mRNA Refseq	NM_002466.4
Protein Refseq	NP_002457.1
MIM	601415
UniProt ID	P10244



Coomassie blue staining of purified MYBL2 protein.