

Recombinant Human EIF3B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EIF3B-1285H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EIF3B MS Standard C13 and N15-labeled recombinant protein (NP_001032360) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	EIF3B (Eukaryotic Translation Initiation Factor 3 Subunit B) is a Protein Coding gene. Diseases associated with EIF3B include Mouth Disease. Among its related pathways are Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S and Viral mRNA Translation. Gene Ontology (GO) annotations related to this gene include nucleic acid binding and nucleotide binding.
Molecular Mass	92.5 kDa
AA Sequence	MQDAENVAVPEAAEERAEPGQQQPAAEPPPAEGLLRPAGPGAPEAAAGTEASSEEV GIAEAGPEPEVRTEPAEEAEAAASGPSESPSPAEEELPGSHAEPVPAQGEAPGEQ ARDERSDSRAQAVSEDAGGNEGRAAEAEPRALENGDADEPSFSDPEDFVDDVSEE ELLGDVLKDRPQEQADGIDSVIVVDNVPQVGPDRLEKLKNVIHKIFSKFGKITNDFYPEE DGKTKGYIFLEYASPAHAVDAVKNAAGYKLDKQHTFRVNLFTDFDKYMTISDEWDIP EKQPFKDLGNLRYWLEEAECRDQYSVIFESGDRTSIFWNDVKDPVSIEERARWTET YVRWSPKGTYLATFHQRGIALWGGEEKFKQIQRFHQGVQLIDFSPCERYLVTFSP MDTQDDPQAIWDILTGHKKRGFHCESAHWPIFKWSDGKFFARMTLDTLSIYETP

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SMGLLDKKSLKISGIKDFSWSPGGNIIAFWVPEDKDIPARVTLMQLPTRQEIRVRNLF
 NVVDCKLHWQKNGDYLCVKVDRTPKGTQGVVTNFEIFRMREKQVPVDVEMKETII
 AFAWEPNGSKFAVLHGEAPRISVSFYHVKNNGKIELIKMFDKQQANTIFWSPQGQFV
 VLAGLRSMNGALAFVDTSDCTVMNIAEHYMASDVEWDPTGRYVVTSSVSWWSHKVD
 NAYWLWTFQGRLLQKNNKDRFCQLLWRPRPPTLLSQEQIKQIKKDLKKYSKIFEQKD
 RLSQSKASKELVERRRTMMEDFRKYRKMAQELYMEQKNERLELRGGVDTDELDSN
 VDDWEEETIEFFVTEEIIPLGNQESGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 EIF3B eukaryotic translation initiation factor 3 subunit B [Homo sapiens (human)]

Official Symbol EIF3B

Synonyms EIF3B; eukaryotic translation initiation factor 3, subunit B; EIF3S9, eukaryotic translation initiation factor 3, subunit 9 eta, 116kDa; eukaryotic translation initiation factor 3 subunit B; eIF3b; PRT1; hPrt1; eIF-3-eta; eIF3 p110; eIF3 p116; prt1 homolog; eukaryotic translation initiation factor 3 subunit 9; eukaryotic translation initiation factor 3, subunit 9 eta, 116kDa; eukaryotic translation initiation factor 3, subunit 9 (eta, 116kD); EIF3S9; EIF3-ETA; EIF3-P110; EIF3-P116; MGC104664;

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MGC131875;

Gene ID 8662

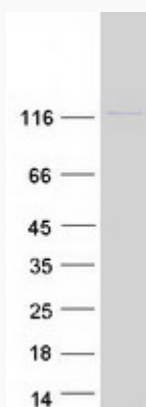
mRNA Refseq NM_001037283

Protein Refseq NP_001032360

MIM 603917

UniProt ID P55884

SDS-PAGE



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