

Recombinant Human EIF4EBP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EIF4EBP2-5173H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EIF4EBP2 MS Standard C13 and N15-labeled recombinant protein (NP_004087) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the eukaryotic translation initiation factor 4E binding protein family. The gene products of this family bind eIF4E and inhibit translation initiation. However, insulin and other growth factors can release this inhibition via a phosphorylation-dependent disruption of their binding to eIF4E. Regulation of protein production through these gene products have been implicated in cell proliferation, cell differentiation and viral infection.
Molecular Mass	12.9 kDa
AA Sequence	MSSSAGSGHQPSQSRAIPTRTVASDAAQLPHDYCTTPGGTLFSTTPGGTRIYYDRK FLLDRRNSPMAQTTPCHLPNIPGVTSPGTLIEDSKVEVNNLNNLNHDKHAVGDD AQFEMDITRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

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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

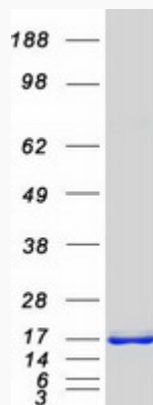
Gene Name	EIF4EBP2 eukaryotic translation initiation factor 4E binding protein 2 [Homo sapiens (human)]
Official Symbol	EIF4EBP2
Synonyms	EIF4EBP2; eukaryotic translation initiation factor 4E binding protein 2; eukaryotic translation initiation factor 4E-binding protein 2; 4E-BP2; eIF4E-binding protein 2; phosphorylated, heat and acid stable regulated by insulin protein II; 4EBP2; PHASII;
Gene ID	1979
mRNA Refseq	NM_004096
Protein Refseq	NP_004087
MIM	602224
UniProt ID	Q13542

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SDS-PAGE



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