

Recombinant Human EIF4EBP2, His-tagged

Cat. No. EIF4EBP2-28493TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human eIF4EBP2 with a N terminal His tag; 140aa, 15.1kDa inclusive of tag.
Species	Human
Source	E.coli
ProteinLength	120 amino acids
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.
Conjugation	HIS
Molecular Weight	15.100kDa inclusive of tags
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 0.1M Sodium chloride, 20mM Tris

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	HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMSSSAGSGHQPSQSRAIPTRTVAISDAAQLPHDYC TTPGGTLFSTTPGGTRIIYDRKFLLDRRNSPMAQTTPCHLPNIPGVTSPGTLIEDSKV EVNNLNNLNNHDKHAVGDDAQFEMDI
Sequence Similarities	Belongs to the eIF4E-binding protein family.

GENE INFORMATION

Gene Name	EIF4EBP2 eukaryotic translation initiation factor 4E binding protein 2 [Homo sapiens]
Official Symbol	EIF4EBP2
Synonyms	EIF4EBP2; eukaryotic translation initiation factor 4E binding protein 2; eukaryotic translation initiation factor 4E-binding protein 2;
Gene ID	1979
mRNA Refseq	NM_004096
Protein Refseq	NP_004087
MIM	602224
Uniprot ID	Q13542

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Chromosome Location	10q21-q22
Pathway	Translation Factors, organism-specific biosystem;
Function	eukaryotic initiation factor 4E binding; protein binding;

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