

Recombinant Human EIF4EBP1 protein, His-tagged

Cat. No. EIF4EBP1-3804H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF4EBP1 protein(NP_004086.1) (Ser 2-Ile 118) with a N-terminal polyhistidine tag was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	2-118 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol.
Molecular Mass	The secreted recombinant human 4EBP1 comprises 124 amino acids with a predicted molecular mass of 13.4 kDa. It migrates as an approximately 19 kDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	EIF4EBP1 eukaryotic translation initiation factor 4E binding protein 1 [Homo sapiens]
Official Symbol	EIF4EBP1
Synonyms	EIF4EBP1; eukaryotic translation initiation factor 4E binding protein 1; eukaryotic translation initiation factor 4E-binding protein 1; 4E BP1; PHAS I; phosphorylated heat and acid stable protein regulated by insulin 1; eIF4E-binding protein 1; phosphorylated heat- and acid-stable protein regulated by insulin 1; BP-1; 4EBP1; 4E-BP1; PHAS-I; MGC4316;
Gene ID	1978
mRNA Refseq	NM_004095
Protein Refseq	NP_004086
MIM	602223
UniProt ID	Q13541

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SDS-PAGE

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