

AR09904PU-N

Human 4E-BP2 (1-120, His-tag) - Purified

Alternate names:	EIF4EBP2, Eukaryotic translation initiation factor 4E-binding protein 2, eIF4E-binding protein 2
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	4E-BP2 (EIF4EBP2) is a member of the eukaryotic translation initiation factor 4E binding protein family. This protein binds eIF4E and inhibits translation initiation. However, insulin and other growth factors can release this inhibition via a phosphorylation-dependent disruption of their binding to eIF4E. It mediates the regulation of protein translation by hormones, growth factors and other stimuli that signal through the MAP kinase pathway. Regulation of this protein has been implicated in cell proliferation, cell differentiation and viral infection.
Uniprot ID:	Q13542
NCBI:	NP_004087
GeneID:	1979
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl
Description:	Recombinant Human EIF4EBP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MSSSAGSGHQ PSQSRAIPTR TVAISDAAQL PHDYCTTPGG TLFSTTPGGT RIIYDRKFL DRRNSPMAQT PPCHLPNIPG VTSPGTLIED SKVEVNNLNN LNNHDRKHAV GDDAQFEMDI Molecular weight: 15.1 kDa (140aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:

Recombinant human EIF4EBP2, 1-120 aa,
His-tagged

