

## Product datasheet for **AR51592PU-N**

### 4E-BP3 (1-100, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	4E-BP3 (1-100, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSTSTSC PIPGGRDQLP DCYSTTPGGT LYATTPGGTR IYDRKFLLE CKNSPIARTP PCCLPQIPGV TTPPTAPLSK LEELKEQETE EEIPDDAQFE M?
Tag:	His-tag
Predicted MW:	13.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human EIF4EBP3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_003723</a>
Locus ID:	8637
UniProt ID:	<a href="#">O60516</a>
Cytogenetics:	5q31.3
Synonyms:	4E-BP3; 4EBP3



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**Summary:**

This gene encodes a member of the EIF4EBP family, which consists of proteins that bind to eukaryotic translation initiation factor 4E and regulate its assembly into EIF4F, the multi-subunit translation initiation factor that recognizes the mRNA cap structure. Read-through transcription from the neighboring upstream gene (MASK or ANKHD1) generates a transcript (MASK-BP3) that encodes a protein comprised of the MASK protein sequence for the majority of the protein and a different C-terminus due to an alternate reading frame for the EIF4EBP3 segments. [provided by RefSeq, Oct 2010]

**Product images:**