

## Product datasheet for **TP315222**

### **EBF3 (NM\_001005463) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human early B-cell factor 3 (EBF3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC215222 protein sequence
Clone or AA	Red=Cloning site Green=Tags(s)
Sequence:	<p>MFGIQENIPRGGTTMKEEPLGSGMNPVRSWMHTAGVVDANTAAQSGVGLARAHFEKQPPSNLRKSNFFHF VLALYDRQGQPVIEIERTAFVDFVEKEKEPNNEKTNNGIHYKLQLLYSNGVRTEQDLVRLIDSMTKQAIV YEGQDKNPEMCRVLLTHEIMCSRCCDKKSCGNRNETPSDPVIIDRFFLKFKCNQCNCLKNAGNPRDMRR FQVVSTTVNVDGHVLAVSDNMFVHNNSKHGRRARRLDPSEATPCIKAIISPSEGWTTGGATVIIIIGNFF DGLQVVFGTMLVWSELITPHAIRVQTTPRHIPGVVEVTL SYKSKQFCKGAPGRFVYTALNEPTIDYGFQR LQKVIPRHPGDPERLPKEVLLKRAADLVEALYGMPHNNQEILKRAADIAEALYSVPRNHNQIPTLGNNP AHTGMMGVNSFSSQLAVNVSETSQANDQVGYSRNTSSVSPRGVPSSTPQQSNYNTVSTSMNGYGSGAMA SLGVPGPSGFLNGSSANSPYGMKQKSAFAPVWRPQASPPPSCTSANGNGLQAMSGLVVPPM</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	60.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_001005463](#)

Locus ID: 253738

UniProt ID: [Q9H4W6](#)

RefSeq Size: 4412

Cytogenetics: 10q26.3

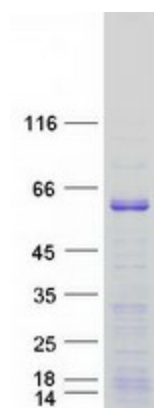
RefSeq ORF: 1653

Synonyms: COE3; EBF-3; HADD5; O/E-2; OE-2

**Summary:** This gene encodes a member of the early B-cell factor (EBF) family of DNA binding transcription factors. EBF proteins are involved in B-cell differentiation, bone development and neurogenesis, and may also function as tumor suppressors. The encoded protein inhibits cell survival through the regulation of genes involved in cell cycle arrest and apoptosis, and aberrant methylation or deletion of this gene may play a role in multiple malignancies including glioblastoma multiforme and gastric carcinoma. [provided by RefSeq, Sep 2011]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified EBF3 protein (Cat# TP315222). The protein was produced from HEK293T cells transfected with EBF3 cDNA clone (Cat# [RC215222]) using MegaTran 2.0 (Cat# [TT210002]).