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Product datasheet for PH315222

EBF3 (NM_001005463) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EBF3 MS Standard C13 and N15-labeled recombinant protein (NP_001005463)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215222
Predicted MW:	60.4 kDa
Protein Sequence:	>RC215222 protein sequence Red=Cloning site Green=Tags(s) MFGIQENIPRGGTTMKEEPLGSGMNPVRSWMHTAGVVDANTAAQSGVGLARAHFEKQPPSNLRKSNFFHF VLALYDRQGQPVEIERTAFVDFVEKEKEPNNEKTNNGIHYKLQLLYSNGVRTEQDLYVRLIDSMTKQAIV YEGQDKNPEMCRVLLTHEIMCSRCCDKKSCGNRNETPSDPVIIDRFFLKFFLKCNQNCLKNAGNPRDMRR FQVVVSTTVNVDGHVLAVSDNMFVHNNSKHGRRARRLDPSEATPCIKAISPSEGWTTGGATVIIIGDNFF DGLQVVFGTMLVWSELITPHAIRVQTPPRHIPGVVEVTLSYKSKQFCKGAPGRFVYTALNEPTIDYGFQR LQKVIPRHPGDPERLPKEVLLKRAADLVEALYGMPHNNQEIILKRAADIAEALYSVPRNHNQIPTLGNNP AHTGMMGVNSFSSQLAVNVSETSQANDQVGYSRNTSSVSPRGYVPSSTPQQSNYNTVSTSMNGYGSGAMA SLGVPGSPGFLNGSSANSPYGMKQKSAFAPVVRPQASPPPSCTSANGNGLQAMSGLVVPPM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001005463
RefSeq Size:	4412
RefSeq ORF:	1653

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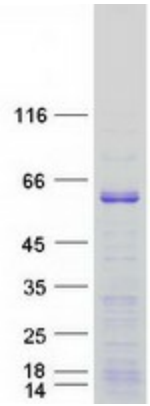
Synonyms:	COE3; EBF-3; HADDS; O/E-2; OE-2
Locus ID:	253738
UniProt ID:	Q9H4W6
Cytogenetics:	10q26.3
Summary:	This gene encodes a member of the early B-cell factor (EBF) family of DNA binding transcription factors. EBF proteins are involved in B-cell differentiation, bone development and neurogenesis, 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]).