

Product datasheet for PH310053

EIF4EBP3 (NM_003732) Human Mass Spec Standard

Product data:

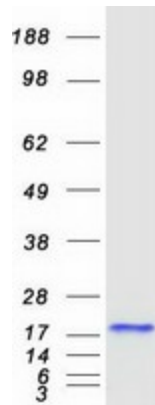
Product Type:	Mass Spec Standards
Description:	EIF4EBP3 MS Standard C13 and N15-labeled recombinant protein (NP_003723)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210053
Predicted MW:	10.9 kDa
Protein Sequence:	>RC210053 protein sequence Red=Cloning site Green=Tags(s) MSTSTSCPYPGGRDQLPDCYSTTPGGTLYATTPGGTRIIYDRKFLLECKNSPIARTPPCCLPQIPGVTTTP PTAPLSKLEELKEQETEEEIPDDAQFEMDI 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_003723
RefSeq Size:	728
RefSeq ORF:	300
Synonyms:	4E-BP3; 4EBP3
Locus ID:	8637
UniProt ID:	O60516
Cytogenetics:	5q31.3



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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:

Coomassie blue staining of purified EIF4EBP3 protein (Cat# [TP310053]). The protein was produced from HEK293T cells transfected with EIF4EBP3 cDNA clone (Cat# [RC210053]) using MegaTran 2.0 (Cat# [TT210002]).