

Product datasheet for TP309955L

EIF4B (NM_001417) Human Recombinant Protein

Product data:

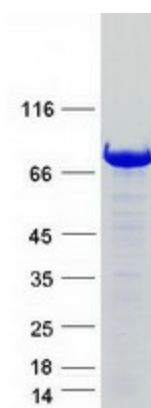
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human eukaryotic translation initiation factor 4B (EIF4B), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209955 representing NM_001417 Red =Cloning site Green =Tags(s)
	<p>MAASAKKKKNGKGTISLTDFLAEDGGTGGGSTYVSKPVSWAETDDLEGDVSTTWHSNDDDVYRAPPIDR SILPTAPRAAREPNIDRSRLPKSPPYTAFLGNLPYDVTEESIKEFFRGLNISAVRLPREPSNPERLKGFG YAEFEDLDSLLSALSLSNEESLGNRRIRVDVADQAQDKDRDDRSFGRDRNRSDKTDTDWRARPATDSFDD YPPRRGDDSFQDKYRDYDSDRYRDGYRDGYRDGPRRDMDRYGGRDRYDDRGRDYDRGYDSRIGSGRRA FGSGYRRDDDYRGGGDRYEDRYDRRDRSWSRRDDYSRDDYRRDDRGPQRPKLNKPRSTPKEDDSSAS TSQSTRAASIFGGAKPVDTAAREREVEERLQKEQEKLRQLDEPKLERRPRERHPSWRSEETQERERSRT GSESSQTGTSTTSSRNARRRESEKSLNETLNKEEDCHSPTSCKPKPDQPLKVMPPPPKENAWVKRSSN PPARSQSSDTEQQSPTSGGGKVAPAQPSEEGPGRKDENKVDGMNAPKGQGTGNSSRGPQDGGNRDHWKESD RKDGKKDQDSRSAPEPKPEENPASKFSSASKYAALSVDGEDENEGEDYAE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	69 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.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001408
Locus ID:	1975
UniProt ID:	P23588
RefSeq Size:	3885
Cytogenetics:	12q13.13
RefSeq ORF:	1833
Synonyms:	EIF-4B; PRO1843
Summary:	Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F. [UniProtKB/Swiss-Prot Function]
Protein Pathways:	mTOR signaling pathway

Product images:



Coomassie blue staining of purified EIF4B protein (Cat# [TP309955]). The protein was produced from HEK293T cells transfected with EIF4B cDNA clone (Cat# [RC209955]) using MegaTran 2.0 (Cat# [TT210002]).