

Product datasheet for TP303830M

EIF3D (NM_003753) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human eukaryotic translation initiation factor 3, subunit D (EIF3D), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203830 protein sequence Red =Cloning site Green =Tags(s) MAKFMTPVIQDNPSGWGPCAVPEQFRDMPYQPFSGDRLGKVADWTGATYQDKRYTNKYSSQFGGGSQYA YFHEEDESSFQLVDTARTQKTAYQRNMRFAQRNLRRDKDRRNLQFNLQILPKSAKQKERERIRLQKKF QKQFGVRQKWDQKSQKPRDSSVEVRSDWEVKEEMDFPQLMKMRYLEVSEPQDIECCGALEYDKAFFDRIT TRSEKPLRSIKRIFHTVTTTDDPVIRKLAKTQGNVFATDAILATLMSCTRSVYSWDIVVQRVGSKLFFDK RDNSDFDLLTVSETANEPQDEGNSFNSPRNLAMEATYINHNFSQQCLRMGKERYNFPNPNPFVEDDMDK NEIASVAYRYRRWKLGDIDLIVRCEHDGVMGTANGEVSVFINIKTLNEWDSRHCHNGVDWRQKLDLSQRGAV IATELKNNSYKLARWTCCALLAGSEYLKLGYSRYHVKDDSSRHVILGTQQFKPNEFASQINLSVENAWGI LRCVIDICMKLEEGKYLKDPNKQVIRVYSLPDGTFSSDEDEEEEEEEEEEEEEEEEE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	63.8 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_003744
Locus ID:	8664
UniProt ID:	O15371
RefSeq Size:	1949
Cytogenetics:	22q12.3
RefSeq ORF:	1644
Synonyms:	eIF3-p66; eIF3-zeta; EIF3S7
Summary:	Eukaryotic translation initiation factor-3 (eIF3), the largest of the eIFs, is a multiprotein complex composed of at least ten nonidentical subunits. The complex binds to the 40S ribosome and helps maintain the 40S and 60S ribosomal subunits in a dissociated state. It is also thought to play a role in the formation of the 40S initiation complex by interacting with the ternary complex of eIF2/GTP/methionyl-tRNA, and by promoting mRNA binding. The protein encoded by this gene is the major RNA binding subunit of the eIF3 complex. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified EIF3D protein (Cat# [TP303830]). The protein was produced from HEK293T cells transfected with EIF3D cDNA clone (Cat# [RC203830]) using MegaTran 2.0 (Cat# [TT210002]).