

## Product datasheet for TP303830

### 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), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203830 protein sequence Red=Cloning site Green=Tags(s)
	<p>MAKFMTPVIQDNPSGWGPCAVPEQFRDMPYQPFSKGDRLGKVADWTGATYQDKRYTNKYSSQFGGGSQYA            YFHEEDESSFQLVDTARTQKTAYQRNMRFAQRNLRRDKDRRNLQFNLQILPKSAKQKERERIRLQKKF            QKQFGVRQKWDQKSQKPRDSSVEVRSDWEVKEEMDFPQLMKMRYLEVSEPQDIECCGALEYDKAFFDRIT            TRSEKPLRSIKRIFHTVTTTDDPVIRKLAKTQGNVFATDAILATLMSCTRSVYSWDIVVQRVGSKLFFDK            RDNSDFDLLTVSETANEPQDEGNSFNSPRNLAMEATYINHNFSQQCLRMGKERYNFPNPNPFVEDDMDK            NEIASVAYRYRRWKLGDIDLIVRCEHDGVMTGANGEVSVFINIKTLNEWDSRHCNGVDWRQKLDSSQRGAV            IATELKNNYSKLARWTCCALLAGSEYLKLGYSRYHVKDSSRHVILGTQQFKPNEFASQINLSVENAWGI            LRCVIDICMKLEEGKYLILKDPNKQVIRVYSLPDGTFSSDEDEEEEEEEEEEEEEEEEEET</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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.
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\\_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]).