Recombinant Full Length Human EIF3D Protein, C-Flag-tagged

Cat. No. EIF3D-1694HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human EIF3D Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	63.8 kDa
AA Sequence	MAKFMTPVIQDNPSGWGPCAVPEQFRDMPYQPFSKGDRLGKVADWTGATYQDKR YTNKYSSQFGGGSQYA YFHEEDESSFQLVDTARTQKTAYQRNRMRFAQRNLRRD KDRRNMLQFNLQILPKSAKQKERERIRLQKKF QKQFGVRQKWDQKSQKPRDSSVE VRSDWEVKEEMDFPQLMKMRYLEVSEPQDIECCGALEYYDKAFDRIT TRSEKPLRS IKRIFHTVTTTDDPVIRKLAKTQGNVFATDAILATLMSCTRSVYSWDIVVQRVGSKLFF DK RDNSDFDLLTVSETANEPPQDEGNSFNSPRNLAMEATYINHNFSQQCLRMGKE

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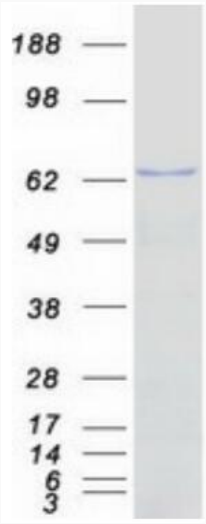
	RYNFPNPNPFVEDDMDK NEIASVAYRYRRWKLGDDIDLIVRCEHDGVMTGANGEV SFINIKTLNEWDSRHCNGVDWRQKLDSQRGAV IATELKNNSYKLARWTCCALLAGS EYLKLGYVSRYHVKDSSRHVILGTQQFKPNEFASQINLSVENAWGI LRCVIDICMKLEEGKYLILKDPNKQVIRVYSLPDGTFSSDEDEEEEEEEEEEEEET TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	EIF3D eukaryotic translation initiation factor 3 subunit D [Homo sapiens (human)]
Official Symbol	EIF3D
Synonyms	EIF3S7; eIF3-p66; eIF3-zeta
Gene ID	8664
mRNA Refseq	NM_003753.4

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Protein Refseq	NP_003744.1
MIM	603915
UniProt ID	O15371



Coomassie blue staining of purified EIF3D protein.

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