

# Recombinant Human EIF3D Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** EIF3D-896H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	EIF3D MS Standard C13 and N15-labeled recombinant protein (NP_003744) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	64 kDa
<b>AA Sequence</b>	MAKFMTVPVIQDNPSGWGPCAVPEQFRDMPYQPFSKGDRLGKVADWTGATYQDKR YTNKYSSQFGGGSQYAYFHEEDESSFLVDTARTQKTAYQRNRMRFQARNLRRDK DRRNMLQFNLQILPKSAKQKERERIRLQKKFQKQFQVGRQKWDQKSQKPRDSSVEV RSDWEVKEEMDFPQLMKMRYLEVSEPQDIECCGALEYDYKAFDRITRSEKPLRSIK RIFHTVTTTDDPVIRKLAKTQGNVFATDAILATLMSCTRSVYSWDIVVQRVGSKLFFD KRDNSDFDLLTVSETANEPQDEGNSFNSPRNLAMEATYINHNFSQQCLRMGKERY

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NFPNPNPFVEDDMDKNEIASVAYRYRRWKLGDDIDLIVRCEHDGVMTGANGEVSFI  
 NIKTLNEWDSRHCNGVDWRQKLDLSQRGAVIATELKNNSYKLARWTCCALLAGSEYL  
 KLGYSRYHVKDSSRHVILGTQQFKPNEFASQINLSVENAWGILRCVIDICMKLEEGK  
 YLILKDPNKQVIRVYSLPDGTFSSDEDEEEEEEEEEEEEEETTRTRPLEQKLISEED  
 LAANDILDYKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	EIF3D eukaryotic translation initiation factor 3 subunit D [ Homo sapiens (human) ]
<b>Official Symbol</b>	EIF3D
<b>Synonyms</b>	EIF3D; eukaryotic translation initiation factor 3, subunit D; EIF3S7, eukaryotic translation initiation factor 3, subunit 7 zeta, 66/67kDa; eukaryotic translation initiation factor 3 subunit D; eIF3 p66; eIF3 zeta; eIF3d; eIF-3-zeta; translation initiation factor eIF3 p66 subunit; eukaryotic translation initiation factor 3 subunit 7; eukaryotic translation initiation factor 3, subunit 7 zeta, 66/67kDa; EIF3S7; eIF3-p66; eIF3-zeta; MGC17258; MGC126526;
<b>Gene ID</b>	8664

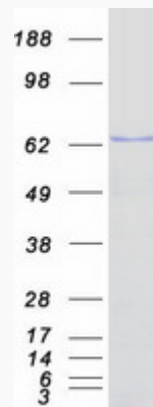
mRNA Refseq [NM\\_003753](#)

Protein Refseq [NP\\_003744](#)

MIM [603915](#)

UniProt ID [O15371](#)

SDS-PAGE



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