

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

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

SPECIFICATION

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

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NFPNPNPFVEDDMDKNEIASVAYRYRRWKLGDDIDLIVRCEHDGVMTGANGEVSFI
 NIKTLNEWDSRHCNGVDWRQKLD SQRGAVIATELKNNSYKLARWTCCALLAGSEYL
 KLGYSRYHVKDSSRHVILGTQQFKPNEFASQINLSVENAWGILRCVIDICMKLEEGK
 YLILKDPNKQVIRVYSLPDGTFSSDEDEEEEEEEEEEEEEETTRTRPLEQKLISEED
 LAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name EIF3D eukaryotic translation initiation factor 3 subunit D [Homo sapiens (human)]

Official Symbol EIF3D

Synonyms 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;

Gene ID 8664

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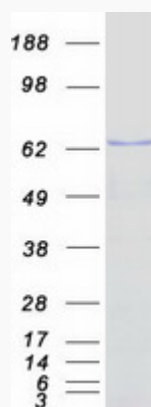
mRNA Refseq NM_003753

Protein Refseq NP_003744

MIM 603915

UniProt ID O15371

SDS-PAGE



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