Recombinant Human EIF3D Protein, GST-tagged

Cat. No. EIF3D-3178H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EIF3S7 full-length ORF (AAH00469, 1 a.a. - 548 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	85.91 kDa
AA Sequence	MAKFMTPVIQDNPSGWGPCAVPEQFRDMPYQPFSKGDRLGKVADWTGATYQDKR YTNKYSSQFGGGSQYAYFHEEDESSFQLVDTARTQKTAYQRNRMRFAQRNLRRDK DRRNMLQFNLQILPKSAKQKERERIRLQKKFQKQFGVRQKWDQKSQKPRDSSVEV RSDWEVKEEMDFPQLMKMRYLEVSEPQDIECCGALEYYDKAFDRITTRSEKPLRSIK RIFHTVTTTDDPVIRKLAKTQGNVFATDAILATLMSCTRSVYSWDIVVQRVGSKLFFD KRDNSDFDLLTVSETANEPPQDEGNSFNSPRNLAMEATYINHNFSQQCLRMGKERY NFPNPNPFVEDDMDKNEIASVAYRYRRWKLGDDIDLIVRCEHDGVMTGANGEVSFI

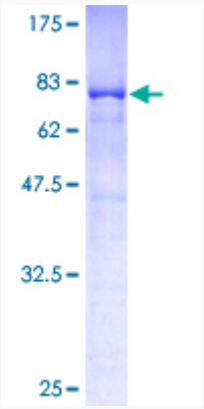
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	NIKTLNEWDSRHCNGVDWRQKLDSQRGAVIATELKNNSYKLARWTCCALLAGSEYL KLGYVSRYHVKDSSRHVILGTQQFKPNEFASQINLSVENAWGILRCVIDICMKLEEGK YLILKDPNKQVIRVYSLPDGTFSSDEDEEEEEEEEEEEEET
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	EIF3D eukaryotic translation initiation factor 3, subunit D [Homo sapiens]
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
mRNA Refseq	NM_003753

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Protein Refseq	NP_003744
MIM	603915
UniProt ID	O15371
Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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