

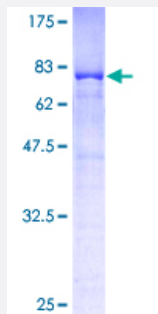
Full-Length

EIF3S7 (Human) Recombinant Protein (P01)

Catalog # H00008664-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human EIF3S7 full-length ORF (AAH00469, 1 a.a. - 548 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAKFMTPIQDNPSGWGPCAVPEQFRDMPYQPFSGDRLGKVADWTGATYQDKRYTNKYSSQ
FGGGSQYAYFHEEDESSFLVDTARTQKTAYQRNRMFAQRNLRRDKDRNMLQFNLQILPKSA
KQKERERIRLQKKFQKQFQVRQKWDQKSQKPRDSSVEVRSDWEVKEEMDFPQLMKMRYLEVS
EPQDIECCGALEYDKAFFDRITRSEKPLRSIKRIFHTVTITDDPVIRKLAKTQGNVFATDAILATLMS
CTRSVYSWDMVQRVGSKLFFDKRDNSDFDLLTVSETANEPQDEGNSFNSPRNLAMEATYINHN
FSQQCLRMGKERYNFPNPNPFVEDDMDKNEIASVAYRYRRWKLGDIDLVRCEHDGVMGTGANG
EVSFINKTLNEWDSRHCNGVDWRQKLD SQRGAVIATELKNNSYKLARWTCCALLAGSEYKLGY
VSRYHVKDSSRHVILGTQQFKPNEFASQINLSVENAWGILRCVIDICMKLEEGKYLKDPNKQVIRV
YSLPDGTFSSDEDEEEEEEEEEEEEEEEEEET

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

85.91

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — EIF3D

Entrez GeneID	8664
GeneBank Accession#	BC000469.1
Protein Accession#	AAH00469
Gene Name	EIF3D
Gene Alias	EIF3S7, MGC126526, MGC17258, eIF3-p66, eIF3-zeta
Gene Description	eukaryotic translation initiation factor 3, subunit D
Omim ID	603915
Gene Ontology	Hyperlink
Gene 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]
Other Designations	OTTHUMP00000028733 eukaryotic translation initiation factor 3 subunit D eukaryotic translation initiation factor 3, subunit 7 zeta, 66/67kDa translation initiation factor eIF3 p66 subunit

Disease

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