

## **Product datasheet for TP303830**

#### OriGene Technologies, Inc.

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### EIF3D (NM\_003753) Human Recombinant Protein

### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human eukaryotic translation initiation factor 3, subunit D (EIF3D), 20 μg

Species: Human Expression Host: HEK293T

Expression cDNA >RC203830 protein sequence
Clone or AA Red=Cloning site Green=Tags(s)
Sequence:

MAKFMTPVIQDNPSGWGPCAVPEQFRDMPYQPFSKGDRLGKVADWTGATYQDKRYTNKYSSQFGGGSQYA YFHEEDESSFQLVDTARTQKTAYQRNRMRFAQRNLRRDKDRRNMLQFNLQILPKSAKQKERERIRLQKKF QKQFGVRQKWDQKSQKPRDSSVEVRSDWEVKEEMDFPQLMKMRYLEVSEPQDIECCGALEYYDKAFDRIT TRSEKPLRSIKRIFHTVTTTDDPVIRKLAKTQGNVFATDAILATLMSCTRSVYSWDIVVQRVGSKLFFDK

RDNSDFDLLTVSETANEPPQDEGNSFNSPRNLAMEATYINHNFSQQCLRMGKERYNFPNPNPFVEDDMDK NEIASVAYRYRRWKLGDDIDLIVRCEHDGVMTGANGEVSFINIKTLNEWDSRHCNGVDWRQKLDSQRGAV IATELKNNSYKLARWTCCALLAGSEYLKLGYVSRYHVKDSSRHVILGTQQFKPNEFASQINLSVENAWGI

LRCVIDICMKLEEGKYLILKDPNKQVIRVYSLPDGTFSSDEDEEEEEEEEEEEE

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

Tag: C-Myc/DDK
Predicted MW: 63.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling

conditions. Avoid repeated freeze-thaw cycles.





RefSeq: NP 003744

Locus ID: 8664 **UniProt ID:** 015371 RefSeq Size: 1949 Cytogenetics: 22q12.3 1644 RefSeq ORF:

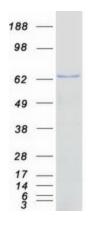
Synonyms: elF3-p66; elF3-zeta; ElF3S7

**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, Jul 2008]

# **Product images:**



Coomassie blue staining of purified EIF3D protein (Cat# TP303830). The protein was produced from HEK293T cells transfected with EIF3D cDNA clone (Cat# [RC203830]) using MegaTran 2.0 (Cat# [TT210002]).