Recombinant Human EIF3I, T7-tagged

Cat. No. EIF3I-1534H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF3I was expressed in*E.Coli*using an N-terminal T7 tag. MW=37.4 kDa.
Species	Human
Source	E.coli
Description	Eukaryotic initiation factor 3 (eIF3) is the largest of the eIFs and consists of at least 10 nonidentical subunits in mammals. In S. cerevisiae, the p39 subunit of eIF3 contains WD repeats, which are thought to mediate protein-protein interactions. The p39 protein appears to be essential for maintaining the integrity of the yeast eIF3 complex. The mammalian eIF3-p36 subunit is homologous to yeast p39.
Sequence	1-325.
Purity	~95%.
Specific Activity	n/aH.
Preparation	0.1mg/0.46 ml.
Applications	E, WB, MS.
Buffer	10 mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN3.

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Storage	Store at -70?C. As with any protein, exposing EIF3I recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.
SDS-PAGE	SDS PAGE Analysis of EIF3I Recombinant Protein. 4-20% SDS gradient gel. Coomassie blue staining.

GENE INFORMATION

Gene Name	EIF3I eukaryotic translation initiation factor 3, subunit I [Homo sapiens]
Synonyms	EIF3I; eukaryotic translation initiation factor 3, subunit I; TGF-beta receptor-interacting protein 1; TGFbeta receptor-interacting protein 1; eukaryotic translation initiation factor 3, subunit 2 (beta, 36kD); eukaryotic translation initiation factor 3, subunit 2 beta, 36kDa; predicted protein of HQ2242; TRIP1; EIF3S2; TRIP-1; PRO2242; eIF3-p36; eIF3-beta
Gene ID	8668
mRNA Refseq	NM_003757
Protein Refseq	NP_003748
MIM	603911
UniProt ID	Q13347
Chromosome Location	1p34.1
Pathway	Gene Expression; Metabolism of proteins

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Function	protein binding; translation initiation factor activity

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