

Recombinant Human EIF3I, T7-tagged

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

SPECIFICATION

Product Overview	Recombinant Human EIF3I was expressed in <i>E. Coli</i> 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 <i>S. cerevisiae</i> , 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% NaN ₃ .

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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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