Recombinant Human EIF3I protein, T7-tagged

Cat. No. EIF3I-223H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EIF3I (325aa) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	325 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFMKPILLQGHERSITQIKYNREGDLLFTVAKDPIVNVWYSVN GERLGTYMGHTGAVWCVDA DWDTKHVLTGSADNSCRLWDCETGKQLALLKTNSA VRTCGFDFGGNIIMFSTDKQMGYQCFVSFFDLRDPSQIDN NEPYMKIPCNDSKITSA VWGPLGECIIAGHESGELNQYSAKSGEVLVNVKEHSRQINDIQLSRDMTMFVTASKD N TAKLFDSTTLEHQKTFRTERPVNSAALSPNYDHVVLGGGQEAMDVTTTSTRIGKF EARFFHLAFEEEFGRVKGHF GPINSVAFHPDGKSYSSGGEDGYVRIHYFDPQYFEF EFEA
Purity	>90% by SDS-PAGE.
Applications	1. May be used for in vitro TGFb1 mediated EMT regulation study with intracellular delivery of this protein.2. As soluble / native protein, may be used as enzymatic substrate protein for kinase and ubiquitin assay development.3. May be used for

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	mapping EIF3I protein-protein interaction.4. May be used as antigen for specific antibody development.
Storage	Keep at -80°C for long term storage. Product is stable at 4 °C for at least 7 days.

GENE INFORMATION

Gene Name	EIF3I eukaryotic translation initiation factor 3, subunit I [Homo sapiens]
Official Symbol	EIF3I
Synonyms	EIF3I; eIF3 beta; eIF3 p36; eIF3i; TRIP 1; eIF-3-beta; predicted protein of HQ2242; TGFbeta receptor-interacting protein 1; TGF-beta receptor-interacting protein 1; 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	Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S, organism-specific biosystem; Cap-dependent Translation Initiation, organism-specific biosystem; Eukaryotic Translation Initiation, organism-

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	specific biosystem; Formation of a pool of free 40S subunits, organism-specific biosystem; Formation of the ternary complex, and subsequently, the 43S complex, organism-specific biosystem; GTP hydrolysis and joining of the 60S ribosomal subunit, organism-specific biosystem; Gene Expression, organism-specific biosystem;
Function	protein binding; contributes_to translation initiation factor activity; translation initiation factor activity; translation initiation factor activity;

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