

Recombinant Human EIF2D protein, His & T7-tagged

Cat. No. EIF2D-7891H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF2D aa. (Met1~Leu117 (Accession # P41214)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Leu117
Description	This gene encodes a translation initiation factor involved in the recruitment and delivery of aminoacyl-tRNAs to the P-site of the eukaryotic ribosome in a GTP-independent manner. This gene was previously referred to as ligatin, but is now known to localize to the cytoplasm and localize and function with translation factors. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.6kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.9.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	EIF2D eukaryotic translation initiation factor 2D [Homo sapiens (human)]
Official Symbol	EIF2D
Synonyms	EIF2D; eukaryotic translation initiation factor 2D; LGTN; HCA56; hepatocellular carcinoma-associated antigen 56; ligatin
Gene ID	1939
mRNA Refseq	NM_001201478.1
Protein Refseq	NP_001188407.1

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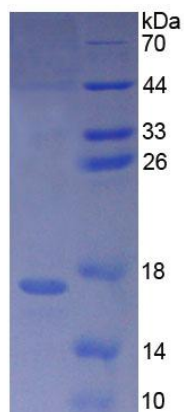
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UniProt ID

P41214

SDS-PAGE



15% SDS-PAGE

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