

Recombinant Human EIF2D

Cat. No. EIF2D-28492TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human EIF2D with N terminal proprietary tag. Predicted MW 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
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.
Molecular Weight	36.630kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	KGRICPIDITLAQRASNKKVTVVRNLEAYGLDPYSVAAILQQRCQASTTVNPAPGAKD SLQVQIQGNQVHHLGWLLLEEYQLPRKHIQGLEKALKPGKKK
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Sequence Similarities	Belongs to the ligatin family.Contains 1 PUA domain.Contains 1 SUI1 domain.
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GENE INFORMATION

Gene Name	EIF2D eukaryotic translation initiation factor 2D [Homo sapiens]
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Official Symbol	EIF2D
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Synonyms	EIF2D; eukaryotic translation initiation factor 2D; LGTN;
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Gene ID	1939
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mRNA Refseq	NM_001201478
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Protein Refseq	NP_001188407
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MIM	613709
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Uniprot ID	P41214
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Chromosome Location	1q32.1
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Function	RNA binding; receptor activity; translation initiation factor activity;
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