

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: 8.00 Constituents: 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

Sequence Similarities Belongs to the ligatin family.Contains 1 PUA domain.Contains 1 SUI1 domain.

GENE INFORMATION

Gene Name EIF2D eukaryotic translation initiation factor 2D [Homo sapiens]

Official Symbol EIF2D

Synonyms EIF2D; eukaryotic translation initiation factor 2D; LGTN;

Gene ID 1939

mRNA Refseq NM_001201478

Protein Refseq NP_001188407

MIM 613709

Uniprot ID P41214

Chromosome Location 1q32.1

Function RNA binding; receptor activity; translation initiation factor activity;

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