

Recombinant Human EIF2D Protein, GST-tagged

Cat. No. EIF2D-3170H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EIF2D full-length ORF (NP_008824.2, 1 a.a. - 584 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jan 2011]
Molecular Mass	91.1 kDa
AA Sequence	MFAKAFRVKSNTAIKGSDDRRKLRADVTTAFPTLGTDQVSELVPGKEELNIVKLYAHK GDAVTVYVSGGNPILFELEKNLYPTVYTLWSYPDLLPTFTTWPLVLEKLVGGADLML PGLVMPPAGLPQVQKGDLCALVGNRAPVAIGVAAMSTAEMLTSLGKGRGFSVLH TYQDHLWRSGNKSSPPSIAPLALDSADLSEEKGSVQMDSTLQGDMRHMTLEGE NGEVHQAREDKSLSEAPEDTSTRGLNQDSTDSKTLQEQMDELLQQCFLHALKCRV KKADLPLLTSTFLGSHMFSCCPEGRQLDIKKSSYKKLSKFLQQMQQEIIQVKELSK GVESIVAVDWKHPRITSFVIPEPSPTSQTIQEGSREQPYHPPDIKPLYCVPASMTLLF QESGHKKGSFLEGSEVRTIVINYAKKNLVDADNKNLVRLDPILCDCILEKNEQHTVM

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KLPWDSLLTRCLEKLQPAYQVTLPGQEPIVKKGRICPIDITLAQRASNKKVTVVRNLE
 AYG LDPYSVAAILQQRCQASTTVNPAPGAKDSLQVQIQGNQVHHLGWLLLEEYQLP
 RKHIQGLEKALKPGKKK

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

EIF2D eukaryotic translation initiation factor 2D [Homo sapiens]

Official Symbol

EIF2D

Synonyms

EIF2D; eukaryotic translation initiation factor 2D; LGTN; ligatin; hepatocellular carcinoma-associated antigen 56; HCA56;

Gene ID

1939

mRNA Refseq

NM_001201478

Protein Refseq

NP_001188407

MIM

613709

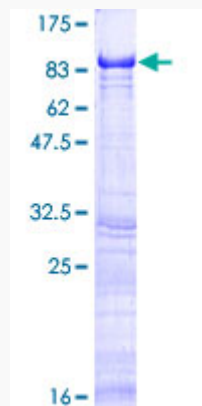
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UniProt ID

P41214

**Quality Control
Testing**

12.5% SDS-PAGE Stained with Coomassie Blue.

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