

Recombinant Full Length Human EIF2D Protein, GST-tagged

Cat. No. EIF2D-4573HF **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	In Vitro Cell Free System
ProteinLength	584 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. [provided by RefSeq, Jan 2011]
Molecular Mass	91.1 kDa
AA Sequence	MFAKAFRVKSNTAIKGSDDRRKLRAVDVTTAFPTLGTQVSELVPGKEELNIVKLYAHK GDAVTYYVSGGNPILFELEKNLYPTVYTLWSYPDLLPTFTTWPLVLEKLVGGADLML PGLVMPPAGLPQVQKGDLCALSLVGNRAPVAIGVAAMSTAEMLTSGLKGRGFSVLH TYQDHLWRSGNKSSPPSIAPLALDSADLSEEKGSVQMDSTLQGDMRHMTLEGEEE NGEVHQAREDKSLSEAPEDTSTRGLNQDSTDSKTLQEQMDELLQQCFHLALKCRV KKADLPLLTSTFLGSHMFSCCPEGRQLDIKKSSYKKLSKFLQQMQQEIIQVKELSK GVESIVAVDWKHPRITSFVIPEPSPTSQTIQEGSREQPYHPPDIKPLYCVPASMTLLF

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QESGHKKGSFLEGSEVRTIVINYAKKNDLVDADNKNLVRLDPILCDCILEKNEQHTVM
KLPWDSLLTRCLEKLQPAYQVTLPGQEPIVKKGRICPIDITLAQRASNKKVTVVRNLE
AYGLDPYSVAAILQQRCQASTTVNPAPGAKDSLQVQIQGNQVHHLGWLLLEEYQLP
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

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MIM	613709
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UniProt ID	P41214
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