

## Recombinant Human EIF2D Protein, MYC/DDK-tagged

Cat. No. EIF2D-330H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human EIF2D fused with MYC/DDK tag at C-terminal was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                          |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Source           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 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             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                          |
| Molecular Mass   | 64.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                    |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                               |

### GENE INFORMATION

|           |                                                                    |
|-----------|--------------------------------------------------------------------|
| Gene Name | EIF2D eukaryotic translation initiation factor 2D [ Homo sapiens ] |
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 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                 |                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------|
| Official Symbol | EIF2D                                                                                                                     |
| Synonyms        | EIF2D; eukaryotic translation initiation factor 2D; LGTN; ligatin; hepatocellular carcinoma-associated antigen 56; HCA56; |
| Gene ID         | 1939                                                                                                                      |
| mRNA Refseq     | NM_006893                                                                                                                 |
| Protein Refseq  | NP_008824                                                                                                                 |
| MIM             | 613709                                                                                                                    |
| UniProt ID      | P41214                                                                                                                    |

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