

## Recombinant Human EIF4A2 protein, GST-tagged

**Cat. No.** EIF4A2-4383H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <b>Product Overview</b> | Recombinant Human EIF4A2 protein(Q14240)(1-407aa), fused to N-terminal GST tag, was expressed in E. coli                                                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-407aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 73.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p>MSGGSADYNREHGGPEGMDPDGVIESNWNIEVDNFDDMNLKESLLRGIYAYGFEEK<br/> PSAIQQRAIIPCIGYDVIAQAQSGTGKTATFAISILQQLEIEFKETQALVLAPTRELAQ<br/> QIQKVILALGDYMGATCHACIGGTNVRNEMQKLQAEAPHIVVGTPGRVFDMLNRRYL<br/> SPKWIKMFVLDEADEMLSRGFKDQIYEIFQKLNTSIQVVLLSATMPTDVLEVTKKFMR<br/> DPIRILVKKEELTLEGIKQFYINVEREEWKLDTLCDLYETLTITQAVIFLNTRRKVDWLT<br/> EKMHardFTVSALHGDMQKQKRDVIMREFRSGSSRVLITDLLARGIDVQQVSLVIN<br/> YDLPTNRENYIHRIGRGGRFGRKGVAINFVTEEDKRILRDIETFYNTTVEEMPMNVAD<br/> LI</p> |

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|                       |                                                                                                                                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b> | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | EIF4A2 eukaryotic translation initiation factor 4A2 [ Homo sapiens ]                                                                                                                                                                                                                                           |
| <b>Official Symbol</b> | EIF4A2                                                                                                                                                                                                                                                                                                         |
| <b>Synonyms</b>        | EIF4A2; eukaryotic translation initiation factor 4A2; EIF4F, eukaryotic translation initiation factor 4A, isoform 2; eukaryotic initiation factor 4A-II; BM 010; DDX2B; EIF4A; ATP-dependent RNA helicase eIF4A-2; eukaryotic translation initiation factor 4A, isoform 2; EIF4F; BM-010; eIF4A-II; eIF-4A-II; |
| <b>Gene ID</b>         | 1974                                                                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_001967                                                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>  | NP_001958                                                                                                                                                                                                                                                                                                      |
| <b>MIM</b>             | 601102                                                                                                                                                                                                                                                                                                         |
| <b>UniProt ID</b>      | Q14240                                                                                                                                                                                                                                                                                                         |

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