

## Recombinant Human EIF4A2 Protein, GST-tagged

**Cat. No.** EIF4A2-3195H    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview**      Human EIF4A2 full-length ORF (1 a.a. - 407 a.a.) recombinant protein with GST-tag at N-terminal.

**Species**                      Human

**Source**                        Wheat Germ

**Description**                EIF4A2 (Eukaryotic Translation Initiation Factor 4A2) is a Protein Coding gene. Diseases associated with EIF4A2 include Retinitis Pigmentosa 29. Among its related pathways are Viral mRNA Translation and Activation of the mRNA upon binding of the cap-binding complex and eIFs, and subsequent binding to 43S. GO annotations related to this gene include nucleic acid binding and hydrolase activity. An important paralog of this gene is EIF4A1.

**Molecular Mass**            72.8 kDa

**AA Sequence**                MSGGSADYNREHGGPEGMDPDGVIESNWNEIVDNFDDMNLKESLLRGIYAYGFEK  
PSAIQQRAIIPCICKGYDVIAQAQSGTGKTATFAISILQQLEIEFKETQALVLAPTRELAQ  
QIQKVILALGDYMGATCHACIGGTNVRNEMQKLQAEAPHIVVGTGPRVFDMLNRRYL  
SPKWIKMFVLDEADEMLSRGFKDQIYEIFQKLNTSIQVVLLSATMPTDVLEVTKKFMR  
DPIRILVKKEELTLEGIKQFYINVEREEWKLDLTLCDLYETLTITQAVIFLNTRRKVDWLT  
EKM HARDFTVSALHGDM DQKERDVIMREFRSGSSRVLITDLLARGIDVQQVSLVIN  
YDLPTNRENYIHRIGRGGFRGRKGVAINFVTEEDKRILRDIETFYNTTVEEMPMNVAD  
LI

 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

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## 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

 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