

Recombinant Full Length Human EIF4A2 Protein, GST-tagged

Cat. No. EIF4A2-4284HF **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	In Vitro Cell Free System
ProteinLength	407 amino acids
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 PSAIQQRAIIPCIGYDVIAQAQSGTGKTATFAISILQQLEIEFKETQALVLAPTRELAQ QIQKVILALGDYMGATCHACIGGTNVRNEMQKLQAEAPHIVVGTPGRVFDMLNRRYL SPKWIKMFVLDEADEMLSRGFKDQIYEIFQKLNTSIQVVLLSATMPTDVLEVTKKFMR DPIRILVKKEELTLEGIKQFYINVEREEWKLDLTCLDYETLTITQAVIFLNTRRKVDWLT EKMHardFTVSALHGDMDQKERDVIMREFRSGSSRVLITDLLARGIDVQQVSLVIN YDLPTNRENYIHRIGRGGFRGRKGVAINFVTEEDKRILRDIETFYNTTVEEMPMNVAD

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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	EIF4A2 eukaryotic translation initiation factor 4A2 [Homo sapiens]
Official Symbol	EIF4A2
Synonyms	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;
Gene ID	1974
mRNA Refseq	NM_001967
Protein Refseq	NP_001958
MIM	601102

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UniProt ID

Q14240

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