

Recombinant Full Length Human EIF4A1 Protein, GST-tagged

Cat. No. EIF4A1-4282HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EIF4A1 full-length ORF (ABM87287.1, 1 a.a. - 406 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	406 amino acids
Description	EIF4A1 (Eukaryotic Translation Initiation Factor 4A1) is a Protein Coding gene. Among its related pathways are MAPK Signaling: Mitogen Stimulation Pathway and Validated targets of C-MYC transcriptional activation. GO annotations related to this gene include nucleic acid binding and hydrolase activity. An important paralog of this gene is EIF4A2.
Molecular Mass	71.06 kDa
AA Sequence	MSASQDSRSRDNGPDGMEPEGVIESNWNNEIVDSFDDMNLSESLLRGIYAYGF EKPS AIQQRAILPCIKGYDVIAQAQSGTGKTATFAISILQQIELDLKATQALVLAPTRELAQQI QKVVMALGDYMGASCHACIGGTNVRAEVQKLQMEAPHIIVGTPGRVFDMLNRRYLS PKYIKMFVLDEADEMLSRGFKDQIYDIFQKLNSNTQVVLLSATMPSDVLEVTKKFMR DPIRILVKKEELTLEGIRQFYINVEREEWKLDLTCLDYETLTITQAVIFINTRRKVDWLT EKMHARDFTVSAMHGDMDQKERDVIMREFRSGSSRVLITDLLARGIDVQQVSLVIN YDLPTNRENYIHRIGRGGFRGRKGVAINMVTEEDKRTLRIETFYNTSIEEMPLNVAD LI

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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	EIF4A1 eukaryotic translation initiation factor 4A1 [Homo sapiens]
Official Symbol	EIF4A1
Synonyms	EIF4A1; eukaryotic translation initiation factor 4A1; EIF4A, eukaryotic translation initiation factor 4A, isoform 1; eukaryotic initiation factor 4A-I; DDX2A; EIF 4A; eukaryotic initiation factor 4AI; ATP-dependent RNA helicase eIF4A-1; eukaryotic translation initiation factor 4A, isoform 1; EIF4A; EIF-4A; eIF4A-I; eIF-4A-I;
Gene ID	1973
mRNA Refseq	NM_001204510
Protein Refseq	NP_001191439
MIM	602641
UniProt ID	P60842

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