

Recombinant Human EIF4A1 Protein

Cat. No. EIF4A1-3193H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human EIF4A1 (NP_001407.1) full-length recombinant protein expressed in yeast.
Species	Human
Source	Yeast
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.
Form	Liquid
Molecular Mass	46.101 kDa
AA Sequence	MSASQDSRSRDNGPDGMEPEGVIESNWNEIVDSFDDMNLSELLRGIYAYGF EKPS AIQQRAILPCIKGYDVIAQAQSGTGKTATFAISILQQIELDLKATQALVLAPTRELAQQI QKVVMALGDYMGASCHACIGGTNVRAEVQKLQMEAPHIIVGTPGRVFDMLNRRYLS PKYIKMFVLDEADEMLSRGFKDQIYDIFQKLNSNTQVVLLSATMPSDVLEVTKKFMR DPIRILVKKEELTLEGIRQFYINVEREEWKLDLTLCDLYETLTITQAVIFINTRRKVDWLT EKM HARDFTVSAMHGDM DQKERDVIMREFRSGSSRVLITDLLARGIDVQQVSLVIN YDLPTNRENYIHRIGRGGFRGRKGVAINMVTEEDKRTLRLDIETFYNTSIEEMPLNVAD LI

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Purity	0.9
Applications	SDS-PAGE
Storage	Store at -20 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	In 50 mM HEPES, 100mM NaCl, pH 7.5 (30% glycerol, 30 mM Glutathione, 0.5% TritonX-100, 1 mM dithiothreitol)

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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