

Recombinant Human EIF4A2 protein, His-tagged

Cat. No. EIF4A2-3917H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF4A2 protein(1-408 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-408 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MSGGSADYNSREHGGPEGMDPDGVIESNWNEIVDNFDDMNLKESLLRGIYAYGFE KPSAIQQRRAIIPCIGYDVIAQAQSGTGKTATFAISILQQLEIEFKETQALVLAPTRELA QQIQKVILALGDYMGATCHACIGGTNVRNEMQKLQAEAPHIVVGTTPGRVFDMLNRR YLSPKWIKMFVLDEADEMLSRGFKDQIYEIFQKLNTSIQVVLLSATMPTDVLEVTKKF MRDPIRILVKKEELTLEGIKQFYINVEREEWKLDTLCDLYETLTITQAVIFLNTRRKVD WLTEKMHardFTVSALHGDMDQKERDVIMREFRSGSSRVLITD DLLARGIDVQQVS LVINYDLPTNRENYIHRIGRGGFRGRKGVAINFVTEEDKRILRDIETFYNTTVEEMPM NVADLI
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks).

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Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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

UniProt ID

Q14240

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