Recombinant Human Eukaryotic initiation factor 4A-III (EIF4A3)

Product Code	CSB-YP007553HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P38919
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MATTATMATS GSARKRLLKE EDMTKVEFET SEEVDVTPTF DTMGLREDLL RGIYAYGFEK PSAIQQRAIK QIIKGRDVIA QSQSGTGKTA TFSISVLQCL DIQVRETQAL ILAPTRELAV QIQKGLLALG DYMNVQCHAC IGGTNVGEDI RKLDYGQHVV AGTPGRVFDM IRRRSLRTRA IKMLVLDEAD EMLNKGFKEQ IYDVYRYLPP ATQVVLISAT LPHEILEMTN KFMTDPIRIL VKRDELTLEG IKQFFVAVER EEWKFDTLCD LYDTLTITQA VIFCNTKRKV DWLTEKMREA NFTVSSMHGD MPQKERESIM KEFRSGASRV LISTDVWARG LDVPQVSLII NYDLPNNREL YIHRIGRSGR YGRKGVAINF VKNDDIRILR DIEQYYSTQI DEMPMNVADL I
Source	Yeast
Target Names	EIF4A3
Protein Names	Recommended name: Eukaryotic initiation factor 4A-III Short name= eIF-4A-III Short name= eIF4A-III EC= 3.6.4.13 Alternative name(s): ATP-dependent RNA helicase DDX48 ATP-dependent RNA helicase eIF4A-3 DEAD box protein
Expression Region	1-411
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene encodes a member of the DEAD box protein family. DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This protein is a nuclear matrix protein. Its amino acid sequence is highly similar to the amino acid sequences of the translation initiation factors eIF4AI and eIF4AII, two other members of the DEAD box protein family.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

	concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.