

EIF4A3 mouse monoclonal antibody (hybridoma)

Catalog # H00009775-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant EIF4A3.
Immunogen	EIF4A3 (NP_055555.1, 1 a.a. ~ 411 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MATTATMATSGSARKRLLKEEDMTKVEFETSEEVDVPTPTFTDMLREDLLRGIYAYGF EKPSAIQ QRAIKQIIKGRDVIAQSQSGTGKTATFSISVLQCLDIQVRETQALILAPTRELAVQIQKGLLALGDYMN VQCHACIGGTNVGEDIRKLDYGQHV VAGTPGRVFD MIRRRSLRTRAIKMLVLDEADEMLNKG FKE QIYDVYRYLPPATQVVLISATLPHEILEMTNKFMTDPIRLVKRDEL TLEGIKQFFVAVEREEWKFDL CDLYDTLTITQAVIFCNTKRKVDWLTEKMREANFTVSSMHGDM PQKERESIMKEFRSGASRVLIST DVWARGLDVPQVSLIINYDLPNNRELYIHRIGRSGRYGRKGVAINFVKND DIRILRDIEQYYSTQIDEM PMNVADLI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody reactivity and specificity confirmed by ELISA and Western Blot.
Deliverables	Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.
Note	Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — EIF4A3

Entrez GeneID [9775](#)

GeneBank Accession# [NM_014740.2](#)

Protein Accession# [NP_055555.1](#)

Gene Name EIF4A3

Gene Alias DDX48, KIAA0111, MGC10862, NMP265, NUK-34, eIF4AIII, hNMP265

Gene Description eukaryotic translation initiation factor 4A, isoform 3

Omim ID [608546](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. The protein encoded by this gene 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. [provided by RefSeq]

Other Designations DEAD (Asp-Glu-Ala-Asp) box polypeptide 48|eukaryotic initiation factor 4A-like NUK-34