Recombinant Full Length Human DDX18 Protein, GST-tagged

Cat. No. DDX18-2529HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DDX18 full-length ORF (BAA91709.1, 1 a.a. - 670 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	670 amino acids
Description	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 gene encodes a DEAD box protein, and it is activated by Myc protein. [provided by RefSeq, Jul 2008]
Molecular Mass	101.8 kDa
AA Sequence	MSHLPMKLLRKKIEKRNLKLRQRNLKFQGASNLTLSETQNGDVSEETMGSRKVKKS KQKPMNVGLSETQNGGMSQEAVGNIKVTKSPQKSTVLTNGEAAMQSSNSESKKKK KKKRKMVNDAEPDTKKAKTENKGKSEEESAETTKETENNVEKPDNDEDESEVPSLP LGLTGAFEDTSFASLCNLVNENTLKAIKEMGFTNMTEIQHKSIRPLLEGRDLLAAAKT GSGKTLAFLIPAVELIVKLRFMTRNGTGVLILSPTRELAMQTFGVLKELMTHHVHTYG

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	LIMGGSNRSAEAQKLGNGINIIVATPGRLLDHMQNTPGFMYKNLQCLVIDEADRILDV GFEEELKQIIKLLPTRRQTMLFSATQTRKVEDLARISLKKEPLYVGVDDDKANATVDG LEQGYVVCPSEKRFLLLFTFLKKNRKKKLMVFFSSCMSVKYHYELLNYIDLPVLAIHG KQKQNKRTTTFFQFCNADSGTLLCTDVAARGLDIPEVDWIVQYDPPDDPKEYIHRVG RTARGLNGRGHALLILRPEELGFLRYLKQSKVPLSEFDFSWSKISDIQSQLEKLIEKN YFLHKSAQEAYKSYIRAYDSHSLKQIFNVNNLNLPQVALSFGFKVPPFVDLNVNSNE GKQKKRGGGGGFGYQKTKKVEKSKIFKHISKKSSDSRQFSH
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	DDX18 DEAD (Asp-Glu-Ala-Asp) box polypeptide 18 [Homo sapiens]
Official Symbol	DDX18
Synonyms	DDX18; DEAD (Asp-Glu-Ala-Asp) box polypeptide 18; DEAD/H (Asp Glu Ala Asp/His) box polypeptide 18 (Myc regulated); ATP-dependent RNA helicase DDX18; MrDb; DEAD box protein 18; Myc-regulated DEAD box protein; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 18 (Myc-regulated); FLJ33908;
Gene ID	8886

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mRNA Refseq	NM_006773
Protein Refseq	NP_006764
MIM	606355
UniProt ID	Q9NVP1

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