

Full-Length

DDX23 (Human) Recombinant Protein (P01)

Catalog # H00009416-P01

Size 50 ug

Specification

Product Description	Human DDX23 full-length ORF (ABM85525.1, 1 a.a. - 820 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAGELADKKDRDASPSKEERKRSRTPDRERDRDRDRKSSPSKDRKRHRSRDRRRGGSRSRSR SRSKSAERERRHKERERDKERDRNKKDRDRDKDGHRRDKDRKRSSLSPGRGKDFKSRKDRD SKKDEEDEHGDKKPKAQPLSLEELLAKKKAEEEEAEAKPKFLSKAEREAEALKRRQQEVEERQR MLEEERKKRKQFQDLGRKMLEDPQERERRERRERMERETNGNEDEEGRQKIREEKDKSKELHA IKERYLGGIKKRRRTRHLNDRKFVFEWDASEDTSIDYNPLYKERHQVQLLGRGFIAGIDLKQQKREQ SRFYGDLMEKRRTLEEKEQEEARLRKLRKKEAKQRWDDRHWSQKKLDEMTRDWRIFREDYSI TTKGGKIPNPIRSWKDSSLPPHILEVIDKCGYKEPTPIQRQAIPIGLQNRDIIGVAETGSGKTA AFLIPL LVWITTLPKIDRIEESDQGPYAILAPTRELAQQIEEETIKFGKPLGIRTVAVIGGISREDQGFRMRMGC EVIATPGRLIDVLENRYLVLSRCTYVVLDEADRMIDMGFEPDVQKILEHMPVSNQKPD TDEAEDP EKMLANFESGKHKYRQTMFTATMPPAVERLARSYLRRPAVVYIGSAGKPHERVEQKVFLMSES EKRRKLLAILEQGFDPPIIIFVNQKKGCDVLAKSLEKMGYNACTLHGGKGQE QREFALSNLKAGAK DILVATDVAGRGIDIQDVSMVVNYDMAKNIEDYHRIGRTGRAGKSGVAITFLT KEDSAVFYELKQAIL ESPVSSCPPELANHPDAQHKPGTILTKKRREETIFA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	116.6
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DDX23

Entrez GeneID [9416](#)

GeneBank Accession# [DQ894599.2](#)

Protein Accession# [ABM85525.1](#)

Gene Name DDX23

Gene Alias MGC8416, PRPF28, U5-100K, U5-100KD, prp28

Gene Description DEAD (Asp-Glu-Ala-Asp) box polypeptide 23

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 component of the U5 snRNP complex; it may facilitate conformational changes in the spliceosome during nuclear pre-mRNA splicing. An alternatively spliced transcript variant has been found for this gene, but its biological validity has not been determined. [provided by RefSeq]

Other Designations PRP28 homolog, yeast|PRP28p homolog|U5 snRNP 100 kD protein