

Product datasheet for **TP301758M**

DDX23 (NM_004818) Human Recombinant Protein

Product data:

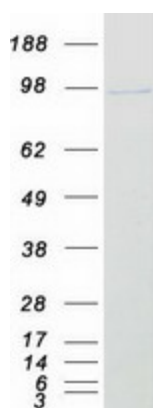
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DEAD (Asp-Glu-Ala-Asp) box polypeptide 23 (DDX23), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201758 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAGELADKKDRDASPSKEERKRSRTPDRERDRDRDRKSSPSKDRKRHRSRDRRRGGSRSRSRSRSKSAER ERRHKERERDKERDRNKKDRDRDKDGHRRDKDRKRSSLSPGRGKDFKSRKDRDSKKDEEDEHGDKKPKA Q PLSLEELLAKKKAEEEEAEAKPKFLSKAEREAEALKRRQQEVEERQRMLEEEERKKRKQFQDLGRKMLEDPO ERERRERRERMERETNGNEDEEGRQKIREEKDKSKELHAIKERYLGGIKKRRRTRHLNDRKFVFEWDASE DTSIDYNPLYKERHQVQLLGRGFIAGIDLKQQKREQSRFYGDLM EKRRTL EEKEQEEARLRKL RKKEAKQ RWDDRHW SQKKLDEMTDRDW RIFREDYSITTKGGKIPNPIRSWKDSSLPPHILEVIDKCGYKEPTPIQRQ AIPIGLQNRDIIGVAETGSGKTA AFLIPLLVWITL PKIDRIESDQGPYAILAPTRELAQQIEETIK FGKPLGIRTVA VIGGISREDQGFRLRMGCEIVIATPGR LIDVLENRYLVLSRCTYVVLDEADRMIDMGFE PDVQKILEHMPVSNQKPD TDEAEDPEKMLANFESGKH KYRQTMFTATMPPAVERLARSYLRRPAVVYIG SAGKPHERVEQKVFLMSESEKRKKLLAILEQGFDPP III FVNQKKGCDVLAKSLEKMGYNACTLHGGKGQ EQREFALS NLKAGAKDILVATDVAGRGIDIQDVSMV VNYDMAKNIEDYIHRIGRTGRAGKSGVAITFLTK EDSAVFYELKQAILESPVSSCPPELANHPDAQH KPGTILTKKRREETIFA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	95.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



View online »

Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004809
Locus ID:	9416
UniProt ID:	Q9BUQ8
RefSeq Size:	3288
Cytogenetics:	12q13.12
RefSeq ORF:	2460
Synonyms:	prp28; PRPF28; SNRNP100; U5-100K; U5-100KD
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, Jul 2008]
Protein Pathways:	Spliceosome

Product images:



Coomassie blue staining of purified DDX23 protein (Cat# [TP301758]). The protein was produced from HEK293T cells transfected with DDX23 cDNA clone (Cat# [RC201758]) using MegaTran 2.0 (Cat# [TT210002]).