

## Product datasheet for **TP301759M**

### DDX39 (DDX39A) (NM\_005804) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DEAD (Asp-Glu-Ala-Asp) box polypeptide 39 (DDX39), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201759 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAEQDVENDLLDYDEEEEPQAPQESTPAPPKKDIKGSYVSIHSSGFRDFLLKPELLRAIVDCGFHEHPSEV QHECIPQAILGMDVLCQAKSGMGKTAVFVLATLQQIEPVNGQVTVLVMCHTRELAFQISKEYERFSKYMP SVKVSVFFGGLSIKKDEEVLKKNCPHVWVGTGRILALVRNRSFSLKKNVHFVLDECDKMLEQLDMRRDV QEIFRLTPHEKQCMMSATLSKDIRPVCVKFMQDPMEVFVDETKLTLHGLQYVVKLDSEKNRKLFDL LDVLEFNQVIVFKSVQRCMALAQLLVEQNFPAAIHRGMAQEERLSRYQQFKDFQRRLVATNLFGRGM DIERVNIVFNYPEDSDTYLHRVARAGRFGTKGLAITFVSDENDAKILNDVQDRFEVNVVAELPEEIDIS TYIEQSR</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	48.9 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.
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:	<u><a href="#">NP_005795</a></u>

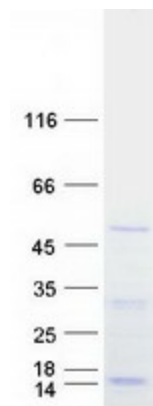


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Locus ID:	10212
UniProt ID:	<a href="#">O00148</a>
RefSeq Size:	1558
Cytogenetics:	19p13.12
RefSeq ORF:	1281
Synonyms:	BAT1; BAT1L; DDX39; DDXL; URH49

**Summary:** This gene encodes a member of the DEAD box protein family. These proteins are characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD) and 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 the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene is thought to play a role in the prognosis of patients with gastrointestinal stromal tumors. A pseudogene of this gene is present on chromosome 13. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Sep 2013]

### Product images:



Coomassie blue staining of purified DDX39A protein (Cat# [TP301759]). The protein was produced from HEK293T cells transfected with DDX39A cDNA clone (Cat# [RC201759]) using MegaTran 2.0 (Cat# [TT210002]).