

## Product datasheet for TP300760

### DDX19B (NM\_007242) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DEAD (Asp-Glu-Ala-As) box polypeptide 19B (DDX19B), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200760 protein sequence Red=Cloning site Green=Tags(s)

MATDSWALAVDEQEAAAESLSNLHLKKEEKIKPDTNGAVVKTNANA EKTDEEEKEDRAAQSLLNKLIRSNL  
VDNTNQVEVLQRDPNSPLYSVKSFEELRLKPQLLQGVYAMGFNRPSKIQENALPLMLAEPQNLIAQSQS  
GTGKTAAFVLAMLSQVEPANKYPQCLCLSPYELALQTGKVIQMGKFYPELKLAYAVRGNKLERGQKIS  
EQIVIGTPGTVLDWCSKLFIDPKKIKVFLDEADVMIATQGHQDQSIRIQRMLPRNCQMLLFSATFEDS  
VWKFAQKVVDPNVIKLRREEETLDTIKQYYVLCSSRDEKFAQLCNLYGAITIAQAMIFCHTRKTASWLA  
AELSKEGHQVALLSGEMMVEQRAAVIERFREGKEKVLVTTNVCARGIDVEQVSVINFDLPVDKDGNDPN  
ETYLHRIGRTGRFGKRGGLAVNMVDSKHSMNILNRIQEHFNKKIERLDTDDLDEIEKIAN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	53.7 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.



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RefSeq: [NP\\_009173](#)

Locus ID: 11269

UniProt ID: [Q9UMR2](#), [A0A0U4B4U6](#)

RefSeq Size: 1829

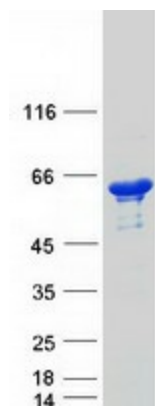
Cytogenetics: 16q22.1

RefSeq ORF: 1437

Synonyms: DBP5; DDX19; RNAh

**Summary:** 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, which exhibits RNA-dependent ATPase and ATP-dependent RNA-unwinding activities. This protein is recruited to the cytoplasmic fibrils of the nuclear pore complex, where it participates in the export of mRNA from the nucleus. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified DDX19B protein (Cat# TP300760). The protein was produced from HEK293T cells transfected with DDX19B cDNA clone (Cat# [RC200760]) using MegaTran 2.0 (Cat# [TT210002]).