

## Product datasheet for TP301477

### DDX56 (NM\_019082) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DEAD (Asp-Glu-Ala-Asp) box polypeptide 56 (DDX56), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201477 protein sequence Red=Cloning site Green=Tags(s)

MEDSEALGFEHMGLDPRLLQAVTDLGWSRPTLIQEKAIPLALEGKDLLARARTGSGKTAAYAIPMLQLLL  
HRKATGPVVEQAVRGLVLPVKELARQAQSMIQQLATYCARDVRVANVSAEEDSVSQRVLMKPDVWVG  
TPSRILSHLQQDSLKLKRDSELLLWDEADLLFSFGFEEELKSLCHLPRIYQAFMSATFNEDVQALKEL  
ILHNPVTLKLQESQLPGPDQLQQFQVVCETEEDKFLLLYALLKLSLIRGKSLLFVNTLERSYRLRLFLEQ  
FSIPTCVLNGELPLRSRCHIIISQFNQGFYDCVIATDAEVLGAPVKGKRRGRGPKGDKASDPEAGVARGID  
FHHVSAVLNFDLPPTPEAYIHRAGRRTARANNPGIVLTFVLPTEQFHLGKIEELLSGENRGPILLPYQFRM  
EEIEGFRYRCRDAMRSVTKQAIREARLKEIKEELLHSEKTKTYFEDNPRDLQLLRHDLPLHPAVVKPHLG  
HVPDYLVPPALRGLVRPHKRRKLLSSSCRKAKRAKSQNPLRSFKHKGKFRPTAKPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	61.4 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.
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.

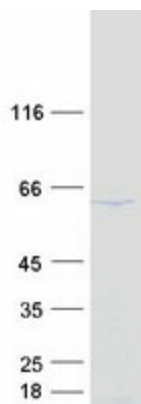


[View online >](#)

RefSeq:	<a href="#">NP_061955</a>
Locus ID:	54606
UniProt ID:	<a href="#">Q9NY93</a>
RefSeq Size:	2889
Cytogenetics:	7p13
RefSeq ORF:	1641
Synonyms:	DDX21; DDX26; NOH61

**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 shows ATPase activity in the presence of polynucleotides and associates with nucleoplasmic 65S preribosomal particles. This gene may be involved in ribosome synthesis, most likely during assembly of the large 60S ribosomal subunit. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2012]

### Product images:



Coomassie blue staining of purified DDX56 protein (Cat# TP301477). The protein was produced from HEK293T cells transfected with DDX56 cDNA clone (Cat# [RC201477]) using MegaTran 2.0 (Cat# [TT210002]).