

Product datasheet for **TP309431M**

DDX6 (NM_004397) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human DEAD (Asp-Glu-Ala-Asp) box polypeptide 6 (DDX6), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC209431 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MSTARTENPVIMGLSSQNGQLRGPVKPTGGPGGGGTQTQQQMNQLKNTNTINNGTQQQAQSMTTTTIKPGD
DWKKTLLKLPKDLRIKTS DVTSTKGNFEDYCLKRELLMGIFEMGWKPSPIQEESIPIALSGRDILARA
KNGTGKSGAYLIPLLERLDLKKDNIQAMVIVPTRELALQVSQICIQVSKHMGGAKVMATTGGTNLRDDIM
RLDDTVHVVIATPGRILDLIKGVAKVDHVQMIVLDEADKLLSQDFVQIMEDIILTLPKNRQILLYSATF
PLSVQKFMNSHLQKPYEINLMEELTLKGVTQYYAYVTERQKVHCLNTLFSRLQINQSIIFCNSSQRVELL
AKKISQLGYSCFYIHAKMRQEHRNRVFDHFRNGLCRNLVCTDLFTRGIDIQAVNVINFDFPKLAETYLH
RIGRSGRFGHLGLAINLITYDDRFNLKSIEEQLGTEIKPIPSNIDKSLYVAEYHSEPVEDEKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 54.2 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: [NP_004388](#)



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Locus ID: 1656

UniProt ID: [P26196](#)

RefSeq Size: 6246

Cytogenetics: 11q23.3

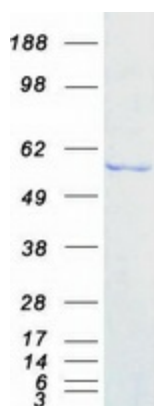
RefSeq ORF: 1449

Synonyms: HLR2; IDDILF; P54; RCK; Rck/p54

Summary: This gene encodes a member of the DEAD box protein family. The protein is an RNA helicase found in P-bodies and stress granules, and functions in translation suppression and mRNA degradation. It is required for microRNA-induced gene silencing. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Mar 2012]

Protein Pathways: RNA degradation

Product images:



Coomassie blue staining of purified DDX6 protein (Cat# [TP309431]). The protein was produced from HEK293T cells transfected with DDX6 cDNA clone (Cat# [RC209431]) using MegaTran 2.0 (Cat# [TT210002]).