

Product datasheet for PH309431

DDX6 (NM_004397) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DDX6 MS Standard C13 and N15-labeled recombinant protein (NP_004388)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209431
Predicted MW:	54.4 kDa
Protein Sequence:	>RC209431 protein sequence Red =Cloning site Green =Tags(s)

MSTARTENPVIMGLSSQNGQLRGPVKPTGGPGGGTQTQQQMNLKNTNTINNGTQQQAQSMSTTTIKPGD
 DWKKTLLKLPKDLRIKTSVDTSTKGNEFEDYCLKRELLMGIFEMGWKPSPIQEEISPIALSGRDILARA
 KNGTGKSGAYLIPLERLDLKKDNIQAMVIVPTRELALQVSQICIQVSKHMGGAKVMATTGGTNLRDDIM
 RLDDTVHVVIATPGRILDLIKKGVAKVVDHVQMIVLDEADKLLSQDFVQIMEDIILTLPKNRQILLYSATF
 PLSVQKFMNSHLQKPYEINLMEELTLKGVTOYAYVTERQKVHCLNTLFSRLQINQSIIFCNSSQRVELL
 AKKISQLGYSCFYIHAKMRQEHNRVHDFRNLGCRNLVCTDLFTRGIDIQAVNVVINFDFPKLAETYLH
 RIGRSGRFGHLGLAINLITYDDRFNLKSIEEQLGTEIKPIPSNIDKSLYVAEYHSEPVEDEKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_004388</u>
RefSeq Size:	6246
RefSeq ORF:	1449
Synonyms:	HLR2; IDDILF; P54; RCK; Rck/p54


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Locus ID: 1656

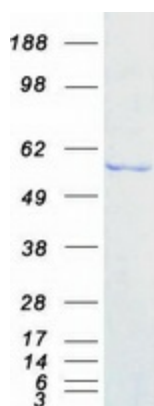
UniProt ID: [P26196](#)

Cytogenetics: 11q23.3

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]).