Recombinant Human DDX6 protein, MYC/DDK-tagged

Cat. No. DDX6-45H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDX6 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	54.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	DDX6 DEAD (Asp-Glu-Ala-Asp) box helicase 6 [Homo sapiens]

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Official Symbol	DDX6
Synonyms	DDX6; DEAD (Asp-Glu-Ala-Asp) box helicase 6; DEAD (Asp Glu Ala Asp) box polypeptide 6 , DEAD/H (Asp Glu Ala Asp/His) box polypeptide 6 (RNA helicase, 54kD) , HLR2; probable ATP-dependent RNA helicase DDX6; RCK; DEAD box-6; oncogene RCK; DEAD box protein 6; ATP-dependent RNA helicase p54; DEAD (Asp-Glu-Ala-Asp) box polypeptide 6; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 6 (RNA helicase, 54kD); P54; HLR2; FLJ36338;
Gene ID	1656
mRNA Refseq	NM_004397
Protein Refseq	NP_004388
MIM	600326
UniProt ID	P26196
Chromosome Location	11q23.3
Pathway	Deadenylation-dependent mRNA decay, organism-specific biosystem; Decapping complex, organism-specific biosystem; Decapping complex, conserved biosystem; Gene Expression, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem; mRNA Decay by 5 to 3 Exoribonuclease, organism-specific biosystem;
Function	ATP binding; ATP-dependent helicase activity; RNA binding; RNA helicase activity; helicase activity; hydrolase activity; nucleic acid binding; nucleotide binding; protein binding;

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