

Recombinant Human DDX6 protein, GST-tagged

Cat. No. DDX6-28328TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDX6(1 a.a. - 483 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-483 a.a.
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	78.87 kDa
AA Sequence	MSTARTENPVIMGLSSQNGQLRGPVKPTGGPGGGGTQTQQQMNQLKNTNTINNGT QQQAQSMTTTTIKPGDDWKKTLKLPKDLRIKTS DVTSTKGNEFEDYCLKRELLMGIF EMGWEKPSPIQEESIPIALSGRDILARAKNGTGKSGAYLIPLLERLDLKKDNIQAMVIV PTRELALQVSQICIQVSKHMGGA KVMATTGGTNLRDDIMRLDDTVHVVIATPGRILD IKKGVAKVDHVQMIVLDEADKLLSQDFVQIMEDIILTLPKNRQILLYSATFPLSVQKFM NSHLQKPYEINLMEELTLKGVTQYYAYVTERQKVHCLNTLFSRLQINQSIIFCNSSQR

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VELLAKKISQLGYSCFYIHAKMRQEHRNRVHFDFRNGLCRNLVCTDLFTRGIDIQAVN
VVINFDFPKLAETYLHRIGRSGRFGHLGLAINLITYDDRFNLKSIEEQLGTEIKPIPSNID
KSLYVAEYHSEPVEDEKP

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

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

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_001257191

Protein Refseq

NP_001244120

MIM

600326

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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;
	