

Recombinant Human DDX20 Protein, MYC/DDK-tagged

Cat. No. DDX20-2472H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human DEAD (Asp-Glu-Ala-Asp) box polypeptide 20 (DDX20) with a C-terminal MYC/DDK tag was expressed in HEK293T cells.
Species	Human
Source	HEK293
Description	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. This gene encodes a DEAD box protein, which has an ATPase activity and is a component of the survival of motor neurons (SMN) complex. This protein interacts directly with SMN, the spinal muscular atrophy gene product, and may play a catalytic role in the function of the SMN complex on RNPs.
Molecular Mass	92.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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Storage	Store at -80 centigrade.
Concentration	>50 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
GENE INFORMATION	
Gene Name	DDX20 DEAD-box helicase 20 [Homo sapiens (human)]
Official Symbol	DDX20
Synonyms	DDX20; DEAD-box helicase 20; DP103; GEMIN3; probable ATP-dependent RNA helicase DDX20; DEAD (Asp-Glu-Ala-Asp) box polypeptide 20; DEAD box protein 20; DEAD box protein DP 103; DEAD-box protein DP103; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 20, 103kD; SMN-interacting protein; component of gems 3; gemin-3; EC 3.6.4.13
Gene ID	11218
mRNA Refseq	NM_007204
Protein Refseq	NP_009135
MIM	606168
UniProt ID	Q9UHI6

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SDS-PAGE

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