

Recombinant Human DDX53 protein, His&Myc-tagged

Cat. No. DDX53-4592H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDX53 protein(Q86TM3)(1-631aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1-631aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	76.2 kDa
AA Sequence	MSHWAPEWKRAEANPRDLGASWDVVRGSRGSGWSGPFGHQGPRAAGSREPPLCF KIKNNMVGVVIGYSGSIKDLQHSTNTKIQIINGESEAKVRIFGNREMKAKAKAAIETLI RKQESYNSESSVDNAASQTPIGRNLGRNDIVGEAEPLSNWDRIRAAVVECEKRWKWA DLPPVKKNFYIESKATSCMSEMQVINWRKENFNITCDDLKSGEKRLIPKPTCRFKDAF QQYPDLLKSIIRVGIVKPTPIQSQAWPILQGIDLIVVAQTGTGKTL SYLMPGFIHLDSQ PISREQRNGPGMLVLTPTRELALHVEAECSKYSYKGLKSICIYGGNRNRNGQIEDISKG VDIIATPGRLNDLQMNNSVNLRSITYLVIDEADKMLDMEFEPQIRKILLDVRPDRQTV MTSATWPDTVRQLALSYLKDPMIVYVGNLNLVAVNTVKQNIIVTTEKEKRALTQEFVE NMSPNDKVMFVSQKHIADDLSSDFNIQGISAESLHGNSEQSDQERAVEDFKSGNIKI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LITTDIVSRGLDLNDVTHVYNYDFPRNIDVYVHRVGYIGRTGKTGTSVTLITQRDSKM
AGELIKILDRANQSVPEDLVVMAEQYKLNQQKRHRETRSRKPGQRRKEFYFLS

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name DDX53 DEAD (Asp-Glu-Ala-Asp) box polypeptide 53 [Homo sapiens]

Official Symbol DDX53

Synonyms DDX53; DEAD (Asp-Glu-Ala-Asp) box polypeptide 53; DEAD box protein 53; CAGE; cancer associated gene; cancer/testis antigen 26; CT26; DEAD-box protein CAGE; cancer-associated gene protein; probable ATP-dependent RNA helicase DDX53;

Gene ID 168400

mRNA Refseq NM_182699

Protein Refseq NP_874358

UniProt ID Q86TM3

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