

Recombinant Human DHX57 protein, GST-tagged

Cat. No. DHX57-301115H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DHX57 protein(163-500 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	163-500 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	PLEYAGLASVEPYVPEFTVSPFAVQKLSRYGFNTERCQAVLRMCDDGVDVGASLEHLL TQCFSETFGERMKISEAVNQISLDECMEQRQEEAFALKSICGEKFIERIQNRVWTIGL ELEYLTSRFRKSKPKESTKNVQENSLEICKFYLGKNGCKFGSKCRFKHEVPPNQIVGRI ERSVDDSHLNAIEDASFLYELEIRFSKDHKYPYQAPLVAFYSTNENLPLACRLHISEFL YDKALTFAETSEPVVYSLITLLEESEIVKLLTNTHHKYSDPPVNFPLVPSPRTRINNPA CHKTVIPNNSFVSNQIPEVEKASESESEDEDDGPAPVIVENESYVNLK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name DHX57 DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57 [Homo sapiens]

Official Symbol DHX57

Synonyms

DHX57; DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57; putative ATP-dependent RNA helicase DHX57; DDX57; DEAH box protein 57; DEAH-box RNA/DNA helicase AAM73547; FLJ32861;

Gene ID 90957

mRNA Refseq NM_198963

Protein Refseq NP_945314

UniProt ID Q6P158

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SDS-PAGE



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