

Recombinant Human DHX15 protein, His-tagged

Cat. No. DHX15-05H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DHX15 protein(147-517 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	147-517 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 7.4). 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 300 mM imidazole.
AASequence	TDILVRHQSFVLVGETGSGKTTQIPQWCVEYMRSPLPGPKRGVACTQPRRVAAMSVA Q RVADEM DVM LGQEVGY S IRFEDCSSAKTILKYMTDGM LLREAMNDPLLERYGVII L DEAHERTLATDILMGVLKEVVRQRSDLKVIVMSATLDAGKFQIYFDNCPLL TIPGRTH PVEIFYTPEPERDYLEAAIRTVIQIHMCEEEEGDLLLFLT GQEEIDEACKRIKREVD DL GPEVGDIKIIPLYSTLPPQQQQRIFEP PPPKKQNGAIGRKVVVSTNIAETSLTIDGVVF VIDPGFAKQKVYNPRIRVESLLVTAISKASAQQRAGRAGRTRPGKCFRLYTEKAYKT EMQDNTYPEILRSNLG SVVLQLKKL
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 DHX15 DEAH (Asp-Glu-Ala-His) box polypeptide 15 [Homo sapiens]

Official Symbol DHX15

Synonyms DHX15; DEAH (Asp-Glu-Ala-His) box polypeptide 15; DDX15, DEAD/H (Asp Glu Ala Asp/His) box polypeptide 15; putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15; DBP1; HRH2; PRP43; PRPF43; PrPp43p; DEAD/H box-15; RNA helicase 2; DEAH box protein 15; ATP-dependent RNA helicase #46; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 15; DDX15;

Gene ID 1665

mRNA Refseq NM_001358

Protein Refseq NP_001349

MIM 603403

UniProt ID O43143

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SDS-PAGE

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