

Recombinant Human DHX40 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DHX40-5253H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DHX40 MS Standard C13 and N15-labeled recombinant protein (NP_078888) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the DExH/D box family of ATP-dependent RNA helicases that have an essential role in RNA metabolism. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 17.
Molecular Mass	88.6 kDa
AA Sequence	MSRFPVAGRAPRRQEEGERSRDLQEERLSAVCIADREEKGCTSQEGGTTPTFPIQ KQRKKIIQAVRDNSFLIVTGNTGSGKTTQLPKYLYEAGFSQHGMIGVTQPRKVA AISV AQRVAEEMKCTLGSKVG YQVRFDDCSSKETA IKYMTDGC LLKHILGDPNLTKFSV IIL DEAHERTLT TDILFGLLKKLFQE KSPNRKEHLKVVVMSATMELAKLSAFFGNCPIFDIP GRLYPVREKFCNLIGPRDRENTAYIQAIVKVTMDIHLNEMAGDILVFLT GQFEIEKSCE LLFQMAESVDYDYDVQD TTDGLLILPCYGSMTTDQQRRI FLPPPPGIRKCVISTNISA TSLTIDGIRYVVDGGFVKQLNHNPR LGLDILEVVPISKSEALQRSGRAGR TSSGKCFR IYSKDFWNQCMPDHV IPEIKRTSLTSVVLTLKCLAIHDVIRFPYLDPPNERLILEALKQL YQCDAIDRS GHVTRLGLSMVEFPLPPHLTCAVIKAASLDCEDLLLPIAAMLSVENVFIR PVDPEYQKEAEQRHRELA AKAGGFNDFATLAVIFEQCKSSGAPASWCQKHWHWR

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CLFSAFRVEAQLRELIRKLKQQSDFPKETFEGPKHEVLRRCLCAGYFKNVARRSVG
 RTFCTMDGRGSPVHIHPSSALHEQETKLEWIFHEVLVTTKVYARIVCPIRYEWVRDL
 LPKLHEFNAHDLSSVARREVREDARRRWTNKENVKQLKDGISKDVLKKMQRRNDD
 KSISDARARFLERKQQRQTQDHSDTRKETGTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name DHX40 DEAH-box helicase 40 [Homo sapiens (human)]

Official Symbol DHX40

Synonyms DHX40; DEAH (Asp-Glu-Ala-His) box polypeptide 40; PAD; DDX40; ARG147; probable ATP-dependent RNA helicase DHX40; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 40 (RNA helicase); DEAH (Asp-Glu-Ala-His) box polypeptide 40; DEAH box protein 40; EC 3.6.4.13

Gene ID 79665

mRNA Refseq NM_024612

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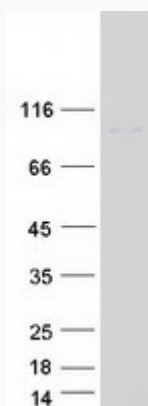
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Protein Refseq NP_078888

MIM 607570

UniProt ID Q8IX18

SDS-PAGE



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