

Recombinant Human DHX58 Protein, GST-tagged

Cat. No. DHX58-2614H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DHX58 full-length ORF (AAH14949.1, 1 a.a. - 678 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	DHX58 (DExH-Box Helicase 58) is a Protein Coding gene. Among its related pathways are Innate Immune System and RIG-I/MDA5 mediated induction of IFN-alpha/beta pathways. GO annotations related to this gene include nucleic acid binding and helicase activity. An important paralog of this gene is IFIH1.
Molecular Mass	103 kDa
AA Sequence	MELRSYQWEVIMPALEGKNIWLP TGAGKTRAAAYVAKRHLETVDGAKVVVLVNRV HLVTQHGEFRRMLDGRWTVTTLSGDMGPRAGFGHLARCHDLLICTAELLQMALTS PEEEEHVELTVFSLIVVDECHHTHKDTVYNVIMSQYLELKLQRAQPLPQVLGLTASP GTGGASKLDGAINHVLQLCANLDTWCIMSPQNCCPQLQEHSQQPCKQYNLCHRRS QDPFGDLLKKLMDQIHDHLEMPELS RKFQTQMYEQVVKLSEAAALAGLQEQRVYA LHLRRYNDALLIHD TVRAVDALAALQDFYHREHVT KTQILCAERRLLALFDDRKNELA HLATHGPENPKLEMLEKILQRQFSSSNSPRGIIFTRTRQSAHSLLLWLQQQQLQTV DIRAQLLIGAGNSSQSTHMTQRDQQEVIQKFQDGT LNLVATSVAAEGLDIPHCNVV VRYGLLTNEISMVQARGRARADQSVYAFVATEGSRELKRELINEALETLM EQAVAAV QKMDQAEYQAKIRDLQQAALTKRAAQAAQRENQRQQFPVEHVQLLCINCMVAUGH

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	GSDLRKVEGTHHVNVNPNFSNYYNVS RDPVVINKVFKDWKPGGVISCRNCGEVWG LQMIYKSVKLPVLKVRSMLETPQGRIQAKKWSRVPFSPDFDFLQHC AENLSDSL D
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DHX58 DEXH (Asp-Glu-X-His) box polypeptide 58 [Homo sapiens]
Official Symbol	DHX58
Synonyms	DHX58; DEXH (Asp-Glu-X-His) box polypeptide 58; probable ATP-dependent RNA helicase DHX58; D11LGP2; LGP2; RNA helicase LGP2; RLR; protein D11Lgp2 homolog; RIG-I-like receptor LGP2; ortholog of mouse D11lgp2; probable ATP-dependent helicase LGP2; D11lgp2e;
Gene ID	79132
mRNA Refseq	NM_024119
Protein Refseq	NP_077024

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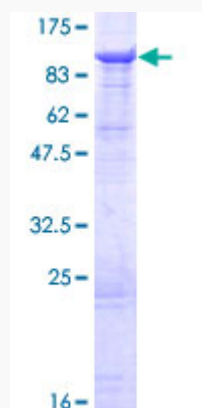
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MIM 608588

UniProt ID Q96C10

Quality Control
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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