

Recombinant Full Length Human DHX58 Protein, GST-tagged

Cat. No. DHX58-2556HF **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	In Vitro Cell Free System
ProteinLength	678 amino acids
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	MELRSYQWEVIMPALEGKNIIWLPTGAGKTRAAAYVAKRHLETVDGAKVVVLVNRV HLVTQHGEFRRMLDGRWTVTTLSGDMGPRAGFGHLARCHDLLICTAELLQMALTS PEEEEHVELTVFSLIVVDECHHTHKDTVYNVIMSQYLELKLQRAQPLPQVLGLTASP GTGGASKLDGAINHVLQLCANLDTWCIMSPQNCCPQLQEHSQQPCKQYNLCHRRS QDPFGDLLKKLMDQIHDHLEMPELSRRKFGTQMYEQVVKLSEAAALAGLQEQRVYA LHLRRYNDALLIHDTVRAVDALAALQDFYHREHVTKTQILCAERRLLALFDDRKNELA HLATHGPENPKLEMLEKILQRQFSSSNSPRGIIFTRTRQSAHSLLLWLQQQQLQTV DIRAQLLIGAGNSSQSTHMTQRDQQEVIQKFQDGTLLNVATSVAAEGLDIPHCNVV VRYGLLTNEISMVQARGRARADQSVYAFVATEGSRELKRELINEALETLMQAVAAV

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QKMDQAEYQAKIRDLQQAALTKRAAQAAQRENQRQQFPVEHVQLLCINCMVAVGH
GSDLRKVEGTHHVNVNPNFSNYYNVS RDPVVINKVFKDWKPGGVISCRNCGEVWG
LQMIYKSVKLPVLKVRSMLETPQGRIQAKKWSRVPFSPDFDFLQHCAENLSDSL
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

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Protein Refseq	NP_077024
MIM	608588
UniProt ID	Q96C10

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