

Recombinant Full Length Human DHX58 Protein, C-Flag-tagged

Cat. No. DHX58-2172HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DHX58 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables double-stranded RNA binding activity; single-stranded RNA binding activity; and zinc ion binding activity. Involved in negative regulation of defense response and negative regulation of type I interferon production. Predicted to be active in cytoplasm.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	76.4 kDa
AA Sequence	MELRSYQWEVIMPALEGKNIWIWLP TGAGKTRAAAYVAKRHLETVDGAKVVVLVNRV HLVTQHGEFRRM LDGRWTVTTLSGDMGPRAGFGHLARCHDLLICTAELLQMALT SPEEEHVELTVFSLIVVDECHHHTHKDT VYNVIMSQYLELKLQRAQPLPQVLGLTAS PGTGGASKLDGAINHVLQLCANLDTWCIMSPQNCCPQLQEH SQQPCKQYNLCHRR SQDPFGDLLKKLMDQIHDHLEMPELSRKFGTQMYEQQVVKLSEAAALAGLQEQRVY ALHLRRYNDALLIHD TVRAVDALAALQDFYHREHVTKTQILCAERRLLALFDDRKNEL AHLATHGPENPK LEMLEKILQRQFSSSNSPRGIIFTRTRQSAHSLLLWLQQQQGLQT VDIRAQLLIGAGNSSQSTHMTQRDQ QEVIQKFQDGTNLNLLVATSVAAEEGLDIPHCNV

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VVRYGLLTNEISMVQARGRARADQSVYAFVATEGSREL KRELINAELETLMQAVA
 AVQKMDQAEYQAKIRDLQQAALTKRAAQAAQRENQRQQFPVEHVQLLCINCM VAV
 GHGSDLRKVEGTHHVNVNPNFSNYYNVSRDPVVINKVFKDWKPGGVISCRNCGEV
 WGLQMIYKSVKL PVLKVRSMLETPQGRIQAKKWSRVPFSVPDFDFLQHCAENLSD
 LSLD SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	RIG-I-like receptor signaling pathway
Full Length	Full L.

GENE INFORMATION

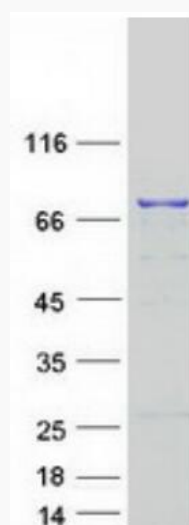
Gene Name	DHX58 DExH-box helicase 58 [Homo sapiens (human)]
Official Symbol	DHX58
Synonyms	LGP2; RLR-3; D11LGP2; D11lgp2e
Gene ID	79132

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mRNA Refseq	NM_024119.3
Protein Refseq	NP_077024.2
MIM	608588
UniProt ID	Q96C10



Coomassie blue staining of purified DHX58 protein.

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