

Recombinant Full Length Human DDX39B Protein, GST-tagged

Cat. No. DDX39B-1820HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DDX39B full-length ORF (AAH00361, 1 a.a. - 428 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	428 amino acids
Description	This gene encodes a member of the DEAD box family of RNA-dependent ATPases that mediate ATP hydrolysis during pre-mRNA splicing. The encoded protein is an essential splicing factor required for association of U2 small nuclear ribonucleoprotein with pre-mRNA, and also plays an important role in mRNA export from the nucleus to the cytoplasm. A cluster of genes, BAT1-BAT5, is localized in the vicinity of the genes for TNF alpha and TNF beta. These genes are all within the human major histocompatibility complex class III region. Mutations in this gene may be associated with rheumatoid arthritis. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	72.82 kDa
AA Sequence	MAENDVDNELLDYEDDEVETAAGGDGAEAPAKKDVKGSYVSIHSSGFRDFLLKPEL LRAIVDCGFEPSEVQHECIPQAILGMDVLCQAKSGMGKTAVFVLATLQQLEPVTGQ

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VSVLVMCHTRELAFQISKEYERFSKYMPNVKVAVFFGGLSIKKDEEVLKKNCPHIVV
GTPGRILALARNKSLNLKHIKHFILDECCKMLEQLDMRRDVQEIFRMTPEHKQVMMF
SATLSKEIRPVCRKFMQDPMEIFVDDETKLT LHGLQQYYVKLKDNEKNRKLFDLLDV
LEFNQVVIFVKSQVQRCIALAQLLVEQNFPALHHRGMPQEERLSRYQQFKDFQRRILV
ATNLFGRGMDIERVNIAFNIDMPEDSDTYLHRVARAGRFGTKGLAITFVSDENDAKIL
NDVQDRFEVNISELPDEIDISSYIEQTR

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	DDX39B DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B [Homo sapiens]
Official Symbol	DDX39B
Synonyms	DDX39B; DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B; BAT1, HLA B associated transcript 1; spliceosome RNA helicase DDX39B; D6S81E; U2AF65 associated protein 56; UAP56; spliceosome RNA helicase BAT1; ATP-dependent RNA helicase p47; 56 kDa U2AF65-associated protein; nuclear RNA helicase (DEAD family); HLA-B-associated transcript 1 protein; BAT1
Gene ID	7919
mRNA Refseq	NM_004640
Protein Refseq	NP_004631

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MIM	142560
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UniProt ID	Q13838
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