

Recombinant Human DDX39A, His-tagged

Cat. No. DDX39A-3750H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATP-dependent RNA helicase DDX39A (DDX39A)
Species	Human
Source	E.Coli/Yeast
ProteinLength	427
Description	This gene encodes a member of the DEAD box protein family. These proteins are characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD) and are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. Alternatively spliced transcript variants encoding different isoforms have been found.
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of DDX39A recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

cap. Certain products may require to ship with dry ice.

Storage Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

Storage Buffer PBS pH 7.4, 50% glycerol

Warning This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name DDX39A DEAD (Asp-Glu-Ala-Asp) box polypeptide 39A [Homo sapiens]

Official Symbol DDX39A

Synonyms DDX39A; DEAD (Asp-Glu-Ala-Asp) box polypeptide 39A; DDX39, DEAD (Asp Glu Ala Asp) box polypeptide 39 , DEAD/H (Asp Glu Ala Asp/His) box polypeptide 39; ATP-dependent RNA helicase DDX39A; BAT1L; DDXL; UAP56 related helicase; 49 kDa; URH49; DEAD box protein 39; nuclear RNA helicase URH49; UAP56-related helicase, 49 kDa; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 39; DEAD (Asp-Glu-Ala-Asp) box polypeptide 39 transcript; nuclear RNA helicase, DECD variant of DEAD box family; BAT1; DDX39; MGC8417; MGC18203;

Gene ID 10212

mRNA Refseq NM_005804

Protein Refseq NP_005795

UniProt ID O00148

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Chromosome Location	19p13.12
Function	ATP binding; ATP-dependent helicase activity; helicase activity; hydrolase activity; nucleic acid binding; nucleotide binding; protein binding;