

Recombinant Human DDX39A, His-tagged

Cat. No. DDX39A-226H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DDX39A, 1-249aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-249aa
Description	DDX39A is a member of the DEAD box protein family. This protein is 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. Recombinant human DDX39A protein, fused to His-tag at N-terminus, was expressed in E.coli
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	31.0 kDa (274aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSEFMAEQD VENDLLDYDE EEEPQAPQES TPAPPKKDIK GSYVSIHSSG FRDFLLKPEL LRAIVDCGFE HPSEVQHECI PQAILGMDVL CQAKSGMGKT AVFVLATLQQ IEPVNGQVTV LVMCHTRELA

 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

FQISKEYERF SKYMPSVKVS VFFGGLSIKK DEEVLKKNCP HVVVGTPGRI
LALVRNRSFS LKNVKHFVLD ECDKMLEQLD MRRDVQEIFR LTPHEKQCMM
FSATLSKDIR PVCRKFMQDP MEVF

Purity >80 % by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 1.0 mg/ml (determined by Bradford assay)

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

 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

UniProt ID	O00148
Chromosome Location	19p13.12
Function	ATP binding; ATP-dependent helicase activity; helicase activity; hydrolase activity; nucleic acid binding; nucleotide binding; protein binding;

 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