

DDX39A, 1-249aa, Human, His tag, E.coli

Cat.NO.: TP01854

3th Edition

Synonyms:ATP-dependent RNA helicase DDX39A, DEAD (Asp-Glu-Ala-Asp) box polypeptide 39A, BAT1, BAT1L, DDX39, DDXL, URH49

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 Weight:31.0 kDa (274 aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSEFMAEQDVENDLLDYDEEEEPQAPQESTPAPPKKDIKGSYVSIHSSGFRDFL
LKPELLRAIVDCGFEHPSEVQHECIPQAILGMDVLCQAKSGMGKTAVFVLATLQQIEPVNGQVTVLVMCHTRELAFQ
ISKEYERFSKYMP SVKVS VFFGGLSIKKDEEVLKKNCPHV VVGTPGRILALVRNRSFSLKNVKHFVLDECDKMLEQL
DMRRDVQEIFRLTPHEKQCMMFSATLSKDIRPVCRKFMQDPMEVF

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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