

Recombinant Human DDX39A Protein, GST-tagged

Cat. No. DDX39A-5140H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DDX39 full-length ORF (NP_005795.2, 1 a.a. - 427 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. This gene is thought to play a role in the prognosis of patients with gastrointestinal stromal tumors. A pseudogene of this gene is present on chromosome 13. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Sep 2013]
Molecular Mass	75.5 kDa
AA Sequence	MAEQDVENDLLDYDEEEEPQAPQESTPAPPKKDIKGSYVSIHSSGFRDFLKPELLR AIVDCGFEHPSEVQHECIPQAILGMDVLCQAKSGMGKTAVFVLATLQQIEPVNGQVT

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VLVMCHTRELAFQISKEYERFSKYMPSPVKVSVFFGGLSIKKDEEVLKKNCPHVVVGT
PGRILALVRNRSFSLKNVKHFVLDECDKMLEQLDMRRDVQEIFRLTPHEKQCMMS
ATLSKDIRPVCRKFMQDPMEVFVDDETKLT LHGLQQYYVKLKDSEKNRKLFDLLDVL
EFNQVIIFVKSVQRCMALAQLLVEQNFP AIAIHRGMAQEERLSRYQQFKDFQRRILVA
TNLFGRGMDIERVNIVFN YDMPEDSDTYLHRVARAGRFGTKGLAITFVSDENDAKIL
NDVQDRFEVNVAELPEEIDISTYIEQSR

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

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

DDX39A DExD-box helicase 39A [Homo sapiens (human)]

Official Symbol

DDX39A

Synonyms

DDX39; DDX39A; DExD-box helicase 39A; BAT1; DDXL; BAT1L; URH49; ATP-dependent RNA helicase DDX39A; DEAD (Asp-Glu-Ala-Asp) box polypeptide 39; DEAD (Asp-Glu-Ala-Asp) box polypeptide 39A; DEAD box protein 39; DEAD-box helicase 39A; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 39; UAP56-related helicase, 49 kDa; nuclear RNA helicase URH49; nuclear RNA helicase, DECD variant of DEAD box family; EC 3.6.4.13

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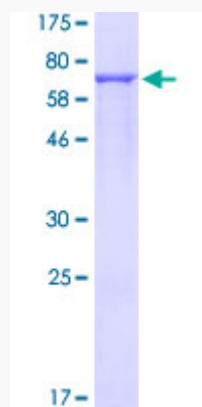
Gene ID 10212

mRNA Refseq NM_005804

Protein Refseq NP_005795

UniProt ID O00148

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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