

ATP-dependent RNA helicase DDX3Y (DDX3Y) Recombinant Protein | DDX3Y recombinant protein

Recombinant Human ATP-dependent RNA helicase DDX3Y (DDX3Y)

CATALOG # AAA115435	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

ATP-dependent RNA helicase DDX3Y (DDX3Y); Recombinant Human ATP-dependent RNA helicase DDX3Y (DDX3Y); DDX3Y recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-660aa; Full Length of Mature Protein
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Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for DDX3Y recombinant protein	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), 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 this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, and it has a homolog on the X chromosome. The gene mutation causes male infertility, Sertoli cell-only syndrome or severe hypospermatogenesis, suggesting that this gene plays a key role in the spermatogenic process. Alternatively spliced variants, encoding the same protein, have been identified.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	169881239
NCBI GeneID	8653
NCBI Accession #	NP_001116137.1
NCBI GenBank Nucleotide #	NM_001122665.3
UniProt Accession #	O15523 ; Q8IYV7 ; B4DK29 ; B4DXX7
Molecular Weight	32,416 Da
NCBI Official Full Name	ATP-dependent RNA helicase DDX3Y isoform 1
NCBI Official Synonym Full Names	DEAD-box helicase 3, Y-linked
NCBI Official Symbol	DDX3Y

NCBI Official Synonym Symbols	DBY
NCBI Protein Information	ATP-dependent RNA helicase DDX3Y
UniProt Protein Name	ATP-dependent RNA helicase DDX3Y
UniProt Gene Name	DDX3Y
UniProt Synonym Gene Names	DBY

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ddx3y-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115435>