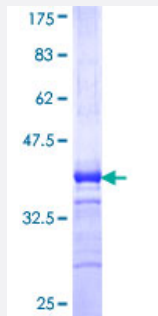


DDX3Y (Human) Recombinant Protein (Q01)

Catalog # H00008653-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DDX3Y partial ORF (NP_004651, 1 a.a. - 80 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSHVVKNDPELDQQLANLDLNSEKQSGGASTASKGRYIPPHLRNREASKGFHDKDSSGWSCSKDKDAYSSFGSRDSRGK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.54
Interspecies Antigen Sequence	Mouse (73)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — DDX3Y

Entrez GeneID [8653](#)

GeneBank Accession# [NM_004660](#)

Protein Accession# [NP_004651](#)

Gene Name DDX3Y

Gene Alias DBY

Gene Description DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked

Omim ID [400010](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide, Y chromosome|OTTHUMP00000034504