

Full-Length

## DDX31 (Human) Recombinant Protein (P01)

Catalog # H00064794-P01

Size 50 ug

### Specification

<b>Product Description</b>	Human DDX31 full-length ORF ( NP_619526.1, 1 a.a. - 585 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MAPDLASQRHSESFPSVNSRPNVILPGREGRREGLPPGGGTRGSLVPTRPVPPSPAPLGTSPYS WSRSGPGRGGGAGSSRVPRGVPGPAVCAPGSLLHHASPTQTMAAADGSLFDNPRTFSRRPPA QASRQAKATKRKYQASSEAPPAKRRNETSFLPAKKTSVKETQRTFKGNAQKMFSPKKHSVSTS DRNQEERQCIKTSSLFKNNPDIPELHRPVVKQVQEKVFTSAAFHELGLHPLISTINTVLKMSSMTS VQKQSIPVLLEGRDALVRSQTGSGKTLAYCIPVVQSLQAMESKIQRS DGPYALVLPPTRELALQSF DTVQKLLKPFTWVPGVLMGGEKRGSEKARLRKGINILISTPGRLVDHIKSTKNIHFSRLRWLVFDEA DRILD LGFEKDITVILNAVNAECQKRQNVLLSATLTEGVTRLADISLHDPVSISVLDKSHDQLNPKD KAVQEVCPPPAGDKLDSFAIPESLKQHVTVPVPSKRLRLVCLAAFILQKCKFEEDQKMVVFSSCEL VEFHYSFLQTLSSSGAPASGQLPSASMRKFLRLHGGMEQEERTAVFQEFHSRRGVLLCT
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	90.75
<b>Interspecies Antigen Sequence</b>	Mouse (81); Rat (82)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — DDX31

**Entrez GeneID** [64794](#)

**GeneBank Accession#** [NM\\_138620.1](#)

**Protein Accession#** [NP\\_619526.1](#)

**Gene Name** DDX31

**Gene Alias** FLJ13633, FLJ14578, FLJ23349

**Gene Description** DEAD (Asp-Glu-Ala-Asp) box polypeptide 31

**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 DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a member of this family. The function of this member has not been determined. Alternative splicing of this gene generates 2 transcript variants. [provided by RefSeq]

**Other Designations** DEAD/DEXH helicase DDX31|DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 31|G2 helicase|OTTHUMP00000022436|OTTHUMP00000022438|OTTHUMP00000064614|helicain