



# SZABO SCANDIC

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## Produktinformation



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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### DDX1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001653-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human DDX1 full-length ORF (AAH12132, 1 a.a. - 740 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAAFSEMGMPEIAQAVEEMDWLLPTDIAESIPLILG  
GGDVLMAAETGSGKTGAFSIPVIQIVYETLKDQQEGKK  
GKTTIKTGASVLNKWQMNYPDRGSAFAIGSDGLCCQS  
REVKEWHGCRATKGLMKGKHYYEVSCHDQGLCRVG  
WSTMQASLDLGTDFGFGFGGTGKKSHNKQFDNYGE  
EFTMHDTIGCYLDIDKGHVFKSNGKDLGLAFEIPPHM  
KNQALFPACVLKNAELKFNFGEEEFKPPKDG FVALSK  
APDGYIVKSQHSNAQVTQTKFLPNAPKALIVEPSREL  
AEQTLNNIKQFKKYIDNPKLRELLIIGVVAARDQLSVLE  
NGVDIVVGTGRLDDLVSTGKLNLSQVRFLVLDEADGL  
LSQGYSDFINRMHNQIPQVTS DGKRLQVIVCSATLHSF  
DVKKLSEKIMHFPTWVDLKGEDSVPDTHHHVVPVNP  
KTDRLWERLKGSHIRTDVHAKDNTRPGANSPMWS  
EAIKILKGEYAVRAIKEHKMDQAIIFCRTKIDCDNLEQYF  
IQGGGGPDKKGHQFSCVCLHGDRK PHERKQNLERFK  
KGDVRFICTDVAARGIDIHGVPYVINVTLPDEKQNYVH  
RIGRVGRAERMGLAISLVATEKEKVWYHVCSRGKGC  
YNTRLKEDGGCTIWYNEMQLLSEIEEHLNCTISQVEPD  
IKVPVDEFDGVTYGQKRAAGGGSYKGHV DILAPTQV  
ELAALKEAQT SFLHLGYLPNQLFRTF

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 107.14

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**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.

**Entrez GeneID:** 1653

**Gene Symbol:** DDX1

**Gene Alias:** DBP-RB, UKVH5d

**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 of unknown function. It shows high transcription levels in 2 retinoblastoma cell lines and in tissues of neuroectodermal origin. [provided by RefSeq]

**References:**

1. DEAD Box Protein DDX1 Regulates Cytoplasmic Localization of KSRP. Chou CF, Lin WJ, Lin CC, Lubber CA, Godbout R, Mann M, Chen CY PLoS One. 2013 Sep 4;8(9):e73752. doi: 10.1371/journal.pone.0073752.