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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DDX21 (Human) Recombinant Protein (P01)

Catalog Number: H00009188-P01

Regulation Status: For research use only (RUO)

Product Description: Human DDX21 full-length ORF (NP_004719.2, 1 a.a. - 783 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPGKLRS DAGLES DTAMKKGETLRKQTEEEKKPK
SDKTEEIAEEEE TVFPKAKQVKKKAEPSEVDMNSPKS
KKAKKKEEPSQNDISP KTKSLRKKKEPIEKVVSSKTK
KVTKNEEPSEEEIDAPKPKMKKEKEMNGETREKSPK
LKNGFPHPEPCNPSEAAESEENSEIEQEIPVEQKEGA
FSNFPISEETIKLLKGRGV TFLFPIQAKTFHHVYSGKDLI
AQARTGTGKTF SFAIPLIEKLHGELQDRKRGRAPQVLV
LAPREL ANQVSKDFSDITKKLSVACFYGGTPYGGQF
ERMRNGIDILVGT PGRIKDHIQNGKLDLTKLKHVV LDEV
DQMLDMGFADQVEEILSVAYKKDSEDPQTLLFSATC
PHWVFNVAKKYMKSTYEQVDLIGKKTQKTAITVEHLAI
KCHWTQRAAVIGDVIRVYSGHQGR TIIFCETKKEAQEL
SQNSAIKQDAQSLHGDIPQKQREITLKGFRNGSFGVLV
ATNVAARGLDIPEVDLVIQSSPPKDVESYIHRSGRTGR
AGRTGVCICFYQHKEEYQLVQVEQKAGIKFKRIGVPSA
TEI IKASSKDAIRLLDSVPPTAISHFKQSAEK LIEEKGA V
EALAAALAHISGATSVDQRSLINSNVGFVTMILQCSIEM
PNISYAWKELKEQLGEEIDSKVKGMVFLKGLGVCFD
VPTASVTEIQEKWHDSRRWQLSVATEQPELEGPREG
YGGFRGQREGSRGFRGQRDGNRRFRGQREGSRGP
RGQRSGGNKSNRSQNKGQKRSFSKAFGQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 113.7

Interspecies Antigen Sequence: Mouse (76); Rat (84)

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: 9188

Gene Symbol: DDX21

Gene Alias: DKFZp686F21172, GUA, GURDB, RH-II/GU, RH-II/GuA

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, which is an antigen recognized by autoimmune antibodies from a patient with watermelon stomach disease. This protein unwinds double-stranded RNA, folds single-stranded RNA, and may play important roles in ribosomal RNA biogenesis, RNA editing, RNA transport, and general transcription. [provided by RefSeq]