

Product datasheet for **AR51182PU-S**

DDX56 (1-547, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	DDX56 (1-547, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMEDSEAL GFEHMGLDPR LLQAVTDLGW SRPTLIQEKA IPLALEGKDL LARARTGSGK TAAYAIPMLQ LLLHRKATGP VVEQAVRGLV LVPTKELARQ AQSMIQQLAT YCARDVRVAN VSAEEDSVSQ RAVLMEKPDV VVGTPSRILS HLQQDSLKLR DSLELLVDE ADLLFSFGFE EELKSLCHL PRIYQAFILMS ATFNEDVQAL KELILHNPVT LKLQESQLPG PDQLQQFQV CETEEDKFL LYALLKLSLI RGKSLLFVNT LERSYRLRLF LEQFSIPTCV LNGELPLRSR CHIISQFNQG FYDCVIATDA EVLGAPVKGK RRGKPKGDK ASDPEAGVAR GIDFHHVSAV LNFDLPPTPE AYIHRAGR TA RANNGIVLT FVLPTQFHL GKIEELLSGE NRGPIILPYQ FRMEEIEGFR YRCRDAMRSV TKQAIREARL KEIKEELLHS EKLKTYFEDN PRDLQLLRHD LPLHPAVVKP HLGHVPDYLV PPALRGLVRP HKKRKKLSSS CRKAKRAKSQ NPLRSFKHKG KKRPTAKPS
Tag:	His-tag
Predicted MW:	64.0 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DDX56 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001244118
Locus ID:	54606
UniProt ID:	Q9NY93



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Cytogenetics: 7p13

Synonyms: DDX21; DDX26; NOH61

Summary: This gene encodes a member of the DEAD box protein family. 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. The protein encoded by this gene shows ATPase activity in the presence of polynucleotides and associates with nucleoplasmic 65S preribosomal particles. This gene may be involved in ribosome synthesis, most likely during assembly of the large 60S ribosomal subunit. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2012]

Product images:

