

DDX56 recombinant protein

DDX56, 1-547aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48834	HOST E Coli	APPLICATIONS SDS-Page
------------------------------	-----------------------	---------------------------------

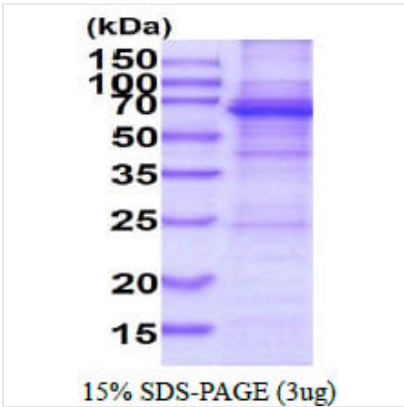
PRODUCT SYNONYMS

DDX56; 1-547aa; Human; His tag; E Coli (Denatured); probable ATP-dependent RNA helicase DDX56 isoform 1; DDX21; DDX26; NOH61; DDX56 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol, 0.4M urea
Concentration	1mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMESEAL GFEHMGDLPR LLQAVTDLGW SRPTLIQEKA IPLALEGKDL LARARTGSGK TAAYAIPMLQ LLLHRKATGP VVEQAVRGLV LVPTKELARQ AQSMIQLAT YCARDVRVAN VSAAEDSVSQ RAVLMEKPDV VVGTPSRILS HLQQDSLKLR DSLELLVDE ADLLFSFGFE EELKSLLCHL PRIYQAFMLS ATFNEDVQAL KELILHNPVT LKLQESQLPG PDQLQQFQVV CETEEKFLL LYALLKLSLI RGKSLLFVNT LERSYRLRLF LEQFSIPTCV LNGELPLRSR CHIISQFNQG FYDCVIATDA EVLGAPVKGK RRGRGPKGDK ASDPEAGVAR GIDFHHVSAV LNFDLPPTPE AYIHRAGRTA RANNPGIVLT FVLPTQFHL GKIEELLSGE NRGPIILPYQ FRMEEIEGFR YRCRDAMRSV TKQAIREARL KEIKEELLHS EKLKTYFEDN PRDLQLLRHD LPLHPAVVKP HLGHVDPYLV PPALRGLVRP HKKRKKLSSS CRKAKRAKSQ NPLRSFKHKG KKFRPTAKPS
Sequence Length	547
Applicable Applications for DDX56 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DDX56 recombinant protein	DDX56 is 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. DDX56 shows ATPase activity in the presence of polynucleotides and associates with nucleoplasmic 65S preribosomal particles. Recombinant human DDX56 protein, fused to His-tag at N-terminus, was expressed in E Coli.
Product Categories/Family for DDX56 recombinant protein	Epigenomics
References	Matsuoka S., et al (2007). Science 316:1160-1166

NCBI AND UNIPROT INFORMATION

NCBI GI #	9506931
NCBI GeneID	54606
NCBI Accession #	NP_061955
NCBI GenBank Nucleotide #	NM_019082.3
UniProt Accession #	Q9NY93; Q6IAE2; Q9H9I8; A4D2K9; C9JV95
Molecular Weight	64.0 kDa (570aa)
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX56 isoform 1
NCBI Official Synonym Full Names	DEAD-box helicase 56
NCBI Official Symbol	DDX56
NCBI Official Synonym Symbols	DDX21; DDX26; NOH61
NCBI Protein Information	probable ATP-dependent RNA helicase DDX56
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX56
UniProt Gene Name	DDX56
UniProt Synonym Gene Names	DDX21; NOH61

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

