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32-3666: DDX56 Recombinant Protein

Alternative Name :	DEAD (Asp-Glu-Ala-Asp) Box Helicase 56,61-Kd Nucleolar Helicase,DEAD (Asp-Glu-Ala-Asp) Box Polypeptide 56,DDX26,Nucleolar Helicase Of 61 KDa,DEAD-Box RNA Helicase,DDX21,Probable ATP-Dependent RNA Helicase DDX56,NOH61,Putative Nucleolar RNA H

Description

Source : Escherichia Coli. DDX56 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 570 amino acids (1-547 a.a) and having a molecular mass of 64kDa.DDX56 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. DEAD Box Protein 56 (DDX56) belongs to the DEAD box protein family. DEAD box proteins, categorized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. DEAD box proteins are implicated in several cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based upon their distribution patterns, certain members of this family are assumed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX56 exhibits ATPase activity in the presence of polynucleotides and associates with nucleoplasmic 65S preribosomal particles.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	DDX56 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M urea.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMEDSEAL GFEHMGLDPR LLQAVTDLGW SRPTLIQEKA IPLALEGKDL LARARTGSGK TAAYAIPMLQ LLLHRKATGP VVEQAVRGLV LVPTKELARQ AQSMIQQLAT YCARDVRVAN VSAAEDSVSQ RAVLMEKPDV VVGTPSRILS HLQQDSLKLR DSLELLVVDE ADLLFSFGFE EELKSLLCHL PRIYQAFLMS ATFNEDVQAL KELILHNPVT LKLQESQLPG PDQLQQFQVV CETEEDKFLL LYALLKLSLI RGKSLLFVNT LERSYRLRLF LEQFSIPTCV LNGELPLRSR CHIISQFNQG FYDCVIATDA EVLGAPVKGK RRGRGPKGDK ASDPEAGVAR GIDFHHVSAV LNFDLPPTPE AYIHRAGRTA RANNPGIVLT FVLPTEQFHL GKIEELLSGE NRGPILLPYQ FRMEEIEGFR YRCRDAMRSV TKQAIREARL KEIKEELLHS EKLKTYFEDN PRDLQLLRHD LPLHPAVVKP HLGHVPDYLV PPALRGLVRP HKKRKKLSSS CRKAKRAKSQ NPLRSFKHKG KKFRPTAKPS.