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DDX56, 1-547 aa, Human, His tag, E.coli

产品货号: TP01855

第三版

别名:probable ATP-dependent RNA helicase DDX56 isoform 1, DDX21, DDX26, NOH61

描述: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.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

分子量:64.0 kDa (570aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMEDSEALGFEHMGLDPRLLQAVTDLGWSRPTLIQEKAIPLALEGKDLLARARTGSG
KTAAYAIPMLQLLLHRKATGPVVEQAVRGLVLPVKELARQAQSMIQQLATYCARDVRVANVSAEAEDSVSQRAVLMEK
PDVVVGTPSRILSHLQQDSLKLRDSLELLVVDEADLLFSFGFEEELKSLCHLPRIYQAFLEMSATFNEDVQALKELILHNPVTL
KLQESQLPGPDQLQQFQVVCETEEDKFLLYALLKLSLIRGKSLFVNTLERSYRLRLFLEQFSIPTCVLNGELPLRSRCHIIISQF
NQQFYDCVIATDAEVLGAPVKGKRRGRGPKGDKASDPEAGVARGIDFHVSAVLNFDLPPTPEAYIHRAGR TARANNPG
IVLTFVLPTEQFHLGKIEELLSGENRGPILLPYQFRMEEIEGFRYRCRDAMRSVTKQAIREARLKEIKEELLHSEKLTIFYEDNP
RDLQLLRHDLPLHPAVVKPHLGHVPDYLVPALRGLVRPHKKRKKLSSSCRKAKRAKSQNPLRSFKHKGKKFRPTAKPS

纯度:> 95% by HPLC

浓度:1mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.