

Recombinant Human DDX21 protein, His-tagged

Cat. No. DDX21-2902H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDX21 protein(620-783 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	620-783 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	GATSVDQRSLINSNVGFVTMILQCSIEMPNISYAWKELKEQLGEEIDSKVKGMVFLKG KLGVCFDVPTASVTEIQEKWHDSRRWQLSVATEQPELEGPREGYGGFRGQREGSR GFRGQRDGNRRFRGQREGSRGPRGQRSGGGNKSNNRSQNKGQKRSFSKAFGQ
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	DDX21 DEAD (Asp-Glu-Ala-Asp) box helicase 21 [Homo sapiens]
Official Symbol	DDX21
Synonyms	DDX21; DEAD (Asp-Glu-Ala-Asp) box helicase 21; DEAD (Asp Glu Ala Asp) box polypeptide 21 , DEAD/H (Asp Glu Ala Asp/His) box polypeptide 21; nucleolar RNA helicase 2; GURDB; RH II/GU; RH II/Gu; gu-alpha; Gu protein; DEAD box protein 21; RNA helicase II/Gu alpha; nucleolar RNA helicase Gu; nucleolar RNA helicase II; DEAD (Asp-Glu-Ala-Asp) box polypeptide 21; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 21; GUA; RH-II/GU; RH-II/GuA; DKFZp686F21172;
Gene ID	9188
mRNA Refseq	NM_001256910
Protein Refseq	NP_001243839
MIM	606357
UniProt ID	Q9NR30

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