Recombinant Human DDX4 protein, His-tagged

Cat. No. DDX4-182H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DDX4 protein(NP_001136021)(340-690 aa), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	340-690 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	TRELVNKIYLEARKFSFGTCVRAVVIYGGTQLGHSIRQIVQGCNILCATPGRLMDIIGK EKIGLKQIKYLVLDEADRMLDMGFGPEMKKLISCPGMPSKEQRQTLMFSATFPEEIQ RLAAEFLKSNYLFVAVGQVGGACRDVQQTVLQVGQFSKREKLVEILRNIGDERTMV FVETKKKADFIATFLCQEKISTTSIHGDREQREREQALGDFRFGKCPVLVATSVAARG LDIENVQHVINFDLPSTIDEYVHRIGRTGRCGNTGRAISFFDLESDNHLAQPLVKVLTD AQQDVPAWLEEIAFSTYIPGFSGSTRGNVFASVDTRKGKSTLNTAGFSSSQAPNPV DDESWD
Purity	95%, 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

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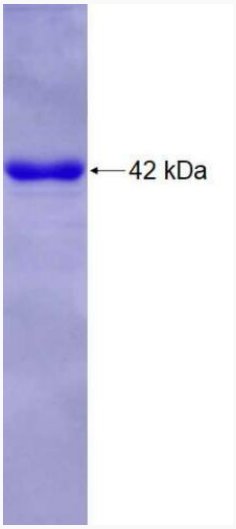
	containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	DDX4 DEAD (Asp-Glu-Ala-Asp) box polypeptide 4 [Homo sapiens]
Official Symbol	DDX4
Synonyms	DDX4; DEAD (Asp-Glu-Ala-Asp) box polypeptide 4; DEAD/H (Asp Glu Ala Asp/His) box polypeptide 4; probable ATP-dependent RNA helicase DDX4; VASA; vasa homolog; DEAD box protein 4; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 4; MGC111074;
Gene ID	54514
mRNA Refseq	NM_001142549
Protein Refseq	NP_001136021
MIM	605281
UniProt ID	Q9NQI0

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SDS-PAGE



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