

Recombinant Human RDBP protein, His-tagged

Cat. No. RDBP-2235H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RDBP protein(1-333 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-333 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MLVIPPLSEEEEEALQKKFNKLKKKKKALLALKKQSSSSTTSQGGVKRSLSEQPVMD TATATEQAKQLVKSGAISAIAKAETKNSGFKRSRTLEGKLDPEKGPVPTFQPFQRSIS ADDDLQESSRRPQRKSLYESDRLRELGPDGEEAEGPGAGDGPPRSFDWGYEERS GAHSSASPPRSRSDRSHERNRDRDREGPFRRSDSFERRAPRKGNTLYVYGED MTPTLLRGAFSPFGNIIDLMDPPRNCAFVTYEKMESADQAVAEELNGTQVESVQLKV NIARKQPM LDAATGKSVWGLAVQNSPKGCHRDKRTQIVYSDDVYKENLVDGF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [RDBP RD RNA binding protein \[Homo sapiens \]](#)

Official Symbol [RDBP](#)

Synonyms

RDBP; RD RNA binding protein; negative elongation factor E; D6S45; NELF E; RD; RDP; nuclear protein; RD RNA-binding protein; RNA-binding protein RD; major histocompatibility complex gene RD; negative elongation factor polypeptide E; NELF-E;

Gene ID [7936](#)

mRNA Refseq [NM_002904](#)

Protein Refseq [NP_002895](#)

MIM [154040](#)

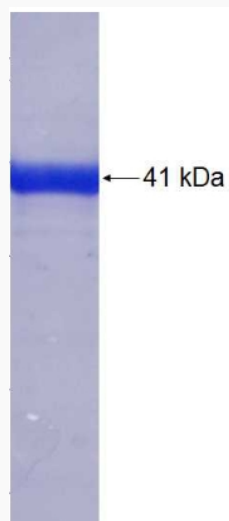
UniProt ID [P18615](#)

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SDS-PAGE



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