

## RD RNA Binding Protein Human Recombinant

<b>Item Number</b>	rAP-4092
<b>Synonyms</b>	RD RNA binding protein, NELF-E, RD, D6S45, RDP, Major Histocompatibility Complex Gene RD, Negative Elongation Factor Polypeptide E, nuclear protein, RDBP.
<b>Description</b>	RDBP produced in E.Coli is a single, non-glycosylated polypeptide chain containing 400 amino acids (1-380a.a.) and having a molecular mass of 45.4 kDa. RDBP is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P18615
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MLVIPPLSE EEEALQKKFN KLKKKKKALL ALKKQSSST TSQGGVKRSL SEQPVMDTAT ATEQAKQLVK SGAISAIKAE TKNSGFKRSR TLEGKLDPE KGPVPTFQPF QRSISADDDL QESSRRPQRK SLYESFVSSS DRLRELGPDG EEAEGPGAGD GPPRS- FDWGY EERSGAHSSA SPPRSRSRDR SHERNRDRDR DRERDRDRDR DRDRERDRDR DRDRDRDRER DRDRERDRDR DREGPFRRSD SFPERRAPRK GNTLYVYGED MTPTLRGAF SPFGNI- IDLS MDPPRNCAFV TYEKMESADQ AVAELNGTQV ESVQLKVNIA RKQPMLDAAT GKSVWGSLAV
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	The RDBP is supplied as a sterile filtered clear solution. 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.
<b>Formulation and Purity</b>	The RDBP protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 100mM NaCl, 2mM DTT and 10% glycerol. RDBP purity was found to be greater than 85% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**