

RD RNA Binding Protein Human Recombinant

Item Number	rAP-4092
Synonyms	RD RNA binding protein, NELF-E, RD, D6S45, RDP, Major Histocompatibility Complex Gene RD, Negative Elongation Factor Polypeptide E, nuclear protein, RDBP.
Description	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.
Uniprot Accesion Number	P18615
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MLVIPPGLE EEEALQKKFN KLKQSSSSST TSQGGVKRSL SEQPVMDTAT ATEQAKQLVK SGAIQAKAE TKNSGFKRSR TLEGKLKDPE KGPVPTFQPF QRSSISADDL QESSRRPQRK SLYESFVSSS DRLRELGPAGD EEAEGPGAGD GPPRS-FDWGY EERSGAHSSA SPPRSRSRDR SHERNRDRDR DRERDRDRDR DRDRERDRDR DRDRDRDRER DRDRERDRDR DREGPFRRSD SFPERRAPRK GNTLYVYGED MTPTLLRGAF SPFGNI-IDLS MDPPRNCAFV TYEKMESADQ AVAELNGTQV ESVQLKVNIA RKQPMQLDAAT GKSWWGSLAV
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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 end users! This product is sold for **Research Use Only**