

RNA Exonuclease 1 Human Recombinant

Item Number	rAP-1348
Synonyms	RNA exonuclease 1 homolog, Elongin-A-binding protein 1, EloA-BP1, Transcription elongation factor B polypeptide 3-binding protein 1, REXO1, ELOABP1, KIAA1138, TCEB3BP1.
Description	REXO1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 198 amino acids (1060-1221a.a) and having a molecular mass of 22.3kDa. REXO1 is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q8N1G1
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSIYAL DCEMSYTTYG LELTRVTVVD TDVHVYDTF VKPDNEIVDY NTRFSGVTEA DLADTSVTLR DVQAVLLSMF SADTILGHS LESDLLALKV IHSTVVDTSV LFPHRLGLPY KRSLRNLMAD YLRQIQQDNV DGHSSSEDAG ACMHLVIWKV REDAKTKR.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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 REXO1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90% 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 ender users! This product is sold for **Research Use Only**