

RNA Exonuclease 2 Human Recombinant

Item Number	rAP-1347
Synonyms	REX2, RNA exonuclease 2 homolog (S. cerevisiae), CGI-114, RFN, SFN, Oligoribonuclease, mitochondrial, RNA exonuclease 2 homolog, Small fragment nuclease,REXO2, SMFN.
Description	REXO2 Human Recombinant produced in E. coli is a single polypeptide chain containing 235 amino acids (26-237) and having a molecular mass of 26.8kDa. REXO2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9Y3B8
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSVREGGAA MAAGESMAQR MVWVDLEMTG LDIEKDQIIE MACLITDSDL NILAEGPNLI IKQPDELLDS MSDWCKEHHG KSGLTAVKE STITLQQAQY EFLSFVRQQT PPGLCPLAGN SVHEDKKFLD KYMPQFMKHL HYRIIDVSTV KELCRRWYPE EYEFAPKAA SHRALDDISE SIKELQFYRN NIFKKKID EK KRKIIENGEN EKTVS.
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 REXO2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 20% glycerol. 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**