

## 32-2783: REXO2 Recombinant Protein

**Alternative Name :** REX2, RNA exonuclease 2 homolog (S. cerevisiae), CGI-114, RFN, SFN, Oligoribonuclease, mitochondrial, RNA exonuclease 2 homolog, Small fragment nuclease, REXO2, SMFN.

### Description

Source : Escherichia Coli. 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. EXO2 is a 3'-to-5' exonuclease specific for small (primarily 5 nucleotides or less in length) single-stranded RNA and DNA oligomers. RNA Exonuclease 2 (REXO2) takes part in DNA repair, replication, and recombination, and in RNA processing and degradation. EXO2 is involved in resistance of human cells to UV-C-induced cell death via its part in the DNA repair process.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The REXO2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 20% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSVREGGAA MAAGESMAQR MVWVDLEMTG LDIEKDQIIE  
 MACLITDSDL NILAEGPNLI IKQPELLDS MSDWCKEHHG KSGLTAKVKE STITLQQAQY EFLSFVRQQT  
 PPGLCPLAGN SVHEDKKFLD KYMPQFMKHL HYRIIDVSTV KELCRRWYPE EYEFAPKKA SHRALDDISE  
 SIKELQFYRN NIFKKKIDEK KRKIIENG EKTVS.

