

Recombinant Human REXO2, His-tagged

Cat. No. REXO2-7641H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human REXO2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	26-237 aa
Description	REXO2 is a 3"-to-5" exonuclease specific for small (primarily 5 nucleotides or less in length) single-stranded RNA and DNA oligomers. This protein may have a role in DNA repair, replication, and recombination, and in RNA processing and degradation. It may also be involved in resistance of human cells to UV-C-induced cell death through its role in the DNA repair process.?
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol
Molecular Mass	26.8kDa (235aa)
AA Sequence	MGSSHHHHH SSGLVPRGSH MGSVREGGAA MAAGESMAQR MVWVDLEMTG LDIEKDQIIE MACLITDSDL NILAEGPNLI IKQPDELLDS MSDWCKEHHG KSGLTKAVKE STITLQQAQY EFLSFVRQQT PPGLCPLAGN SVHEDKKFLD KYMPQFMKHL HYRIIDVSTV KELCRRWYPE EYEFAPKKAA SHRALDDISE SIKELQFYRN NIFKKKIDEK KRKIIENG EKTVS

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml?
GENE INFORMATION	
Gene Name	REXO2 REX2, RNA exonuclease 2 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	REXO2
Synonyms	REXO2; REX2, RNA exonuclease 2 homolog (S. cerevisiae); oligoribonuclease, mitochondrial; CGI 114; DKFZP566E144; SFN; small fragment nuclease; RNA exonuclease 2 homolog; RFN; REX2; CGI-114; MGC111570; DKFZp566E144;
Gene ID	25996
mRNA Refseq	NM_015523
Protein Refseq	NP_056338
MIM	607149
UniProt ID	Q9Y3B8
Chromosome Location	11q23.2

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Pathway	Ribosome biogenesis in eukaryotes, organism-specific biosystem; Ribosome biogenesis in eukaryotes, conserved biosystem;
Function	3-5 exonuclease activity; nucleic acid binding;

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