Recombinant Human REX1, RNA exonuclease 1 homolog (S. cerevisiae), His-tagged

Cat. No. REXO1-447H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	REXO1, 1060-1221aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1060-1221 a.a.
Description	REXO1 belongs to the REXO1/REXO3 family and contains 1 exonuclease domain. This protein seems to have no detectable effect on transcription elongation in vitro. Recombinant human REXO1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	22.3 kDa (198aa) confirmed by MALDI-TOF
AA Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSIYAL DCEMSYTTYG LELTRVTVVD TDVHVVYDTF VKPDNEIVDY NTRFSGVTEA DLADTSVTLR DVQAVLLSMF SADTILIGHS LESDLLALKV IHSTVVDTSV LFPHRLGLPY KRSLRNLMAD YLRQIIQDNV DGHSSSEDAG ACMHLVIWKV REDAKTKR
Purity	>90% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	REXO1 REX1, RNA exonuclease 1 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	REXO1
Synonyms	REXO1; REX1, RNA exonuclease 1 homolog (S. cerevisiae); TCEB3BP1, transcription elongation factor B polypeptide 3 binding protein 1; RNA exonuclease 1 homolog; EloA BP1; elongin A binding protein 1; KIAA1138; elongin A-binding protein 1; elongin-A-binding protein 1; transcription elongation factor B polypeptide 3 binding protein 1; transcription elongation factor B polypeptide 3-binding protein 1; REX1; ELOABP1; EloA-BP1; TCEB3BP1;
Gene ID	57455
mRNA Refseq	NM_020695
Protein Refseq	NP_065746
MIM	609614
UniProt ID	Q8N1G1
Chromosome Location	19p13.3

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

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