

Recombinant Human REXO2 protein, His-tagged

Cat. No. REXO2-1941H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human REXO2 aa. (Gln41~Asn213 (Accession # Q9Y3B8)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gln41~Asn213
Description	This gene encodes 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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% sarcosyl and 5% trehalose.
Reconstitution	Reconstitute in sterile ddH ₂ O.
Isoelectric Point	5.7

GENE INFORMATION

Gene Name	REXO2 RNA exonuclease 2 [Homo sapiens (human)]
Official Symbol	REXO2
Synonyms	REXO2; RNA exonuclease 2; RFN; SFN; REX2; CGI-114; oligoribonuclease, mitochondrial; REX2, RNA exonuclease 2 homolog; RNA exonuclease 2 homolog; small fragment nuclease
Gene ID	25996
mRNA Refseq	NM_015523.3
Protein Refseq	NP_056338.2

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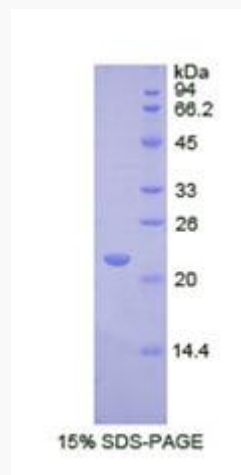
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UniProt ID

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SDS-PAGE

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