

# Recombinant human REXO1 protein

Catalog Number: ATGP2544

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1060-1221aa

### UniProt No.

Q8N1G1

### NCBI Accession No.

NP\_065746

### Alternative Names

RNA exonuclease 1, REX1, ELOABP1, EloA-BP1, KIAA1138, TCEB3BPI

## PRODUCT SPECIFICATION

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### Molecular Weight

22.3 kDa (198aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### 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.

### Amino acid Sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSYIAL DCEMSYTTYG LELTRVTVVD TDVHVYDTF  
VKPDNEIVDY NTRFSGVTEA DLADTSVTLR DVQAVLLSMF SADTILIGHS LESDLLALKV IHSTVVDTSV LFPHRLGLPY

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KRSLRNLMD YLRQIIQDNV DGHSSSEDAG ACMHLVIWKV REDAKTKR

## General References

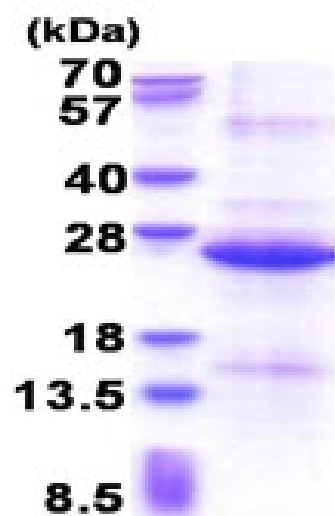
Tamura K., et al. (2003) *Biochem. Biophys. Res. Commun.* 309:189-195

Rigbolt K.T., et al. (2011) *Sci. Signal.* 4:RS3-RS3

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)