

Product datasheet

Recombinant Human REXO1 protein ab177672

1 Image

Description

Product name	Recombinant Human REXO1 protein	
Purity	> 90 % SDS-PAGE. ab177672 is purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	<u>Q8N1G1</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSIYAL DCMSYTTYG LELTRVTVVD TDVHVYDTF VKPDNEVDY NTRFSGVTEA DLADTSVTLR DVQAVLLSMF SADTILIGHS LESDLLALKV IHSTVVDTSV LFPHRLGLPY KRSLRNLMD YLRQIQDNV DGHSSSEDAG ACMHLVWKV REDAKTKR	
Predicted molecular weight	22 kDa including tags	
Amino acids	1060 to 1221	
Tags	His tag N-Terminus	
Additional sequence information	(NP_065746.3)	

Specifications

Our **Abpromise guarantee** covers the use of **ab177672** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 0.88% Sodium chloride, 0.02% DTT, 10% Glycerol (glycerin, glycerine)

General Info

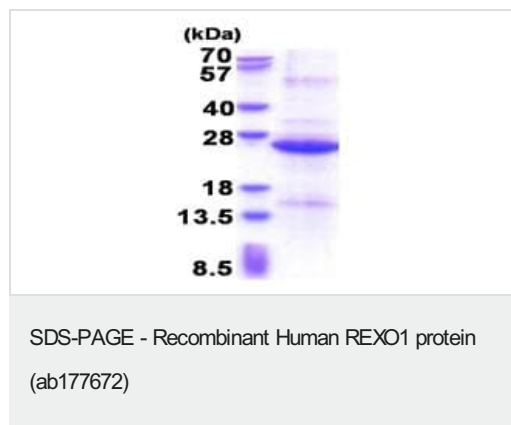
Relevance

REXO1 or Elongin A-binding protein 1 (EloA-BP1) is an exonuclease domain-containing protein that can bind to Elongin. The Elongin complex stimulates the rate of transcription elongation by RNA polymerase II by suppressing the transient pausing of the polymerase at many sites along the DNA template. REXO1 is composed of 1221 amino acids and its mRNA is ubiquitously expressed. EloA-BP1 is capable of binding not only the NH₂-terminal approximately 120 amino acid region of Elongin A, but also that of SII. Although REXO1 had no detectable effect on the rate of transcription elongation in vitro, it may play some role in the regulation of elongation in vivo.

Cellular localization

Nuclear

Images



15% SDS-PAGE analysis of ab177672 (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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