

## Product datasheet

# Recombinant Human REA protein ab153181

1 Image

### Overview

<b>Product name</b>	Recombinant Human REA protein
<b>Protein length</b>	Full length protein

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	RESVFTVEGGHRAIFFNRIGGVQQDTILAEGLHFRIPIWF QYPIIDIRAR PRKISSPTGSKDLQMVNISLRVLSRPNAQELPSMYQRL GLDYEERVLPSI VNEVLKSVVAKFNASQLITQRAQVSLIRRELTERAKD FSLILDDVAITE LSFSREYTAAVEAKQVAQQEAQRAQFLVEKAKQEQR QKIVQAEGEAEAAK MLGEALSKNPGYIKLRKIRAAQNISKTIATSQNRMLTADN LVLNLQDES FTRGSDSLIKGKK
<b>Amino acids</b>	37 to 299
<b>Tags</b>	proprietary tag N-Terminus

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab153181** in the following tested applications.

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

<b>Applications</b>	Western blot ELISA
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

### Preparation and Storage

## Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

---

### Function

Acts as a mediator of transcriptional repression by nuclear hormone receptors via recruitment of histone deacetylases (By similarity). Functions as an estrogen receptor (ER)-selective coregulator that potentiates the inhibitory activities of antiestrogens and represses the activity of estrogens. Competes with NCOA1 for modulation of ER transcriptional activity. Probably involved in regulating mitochondrial respiration activity and in aging.

### Sequence similarities

Belongs to the prohibitin family.

### Developmental stage

Levels of expression in fibroblasts decrease heterogeneously during cellular aging.

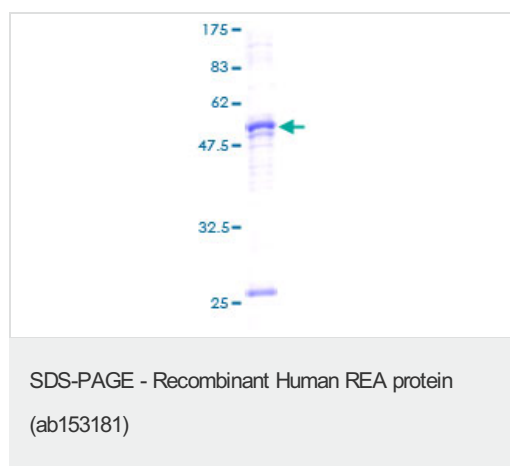
### Cellular localization

Mitochondrion inner membrane. Cytoplasm. Nucleus. Also cytoplasmic and nuclear.

---

## Images

---



ab153181 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors