

Product datasheet

Recombinant Human Recoverin protein (Tagged)  
ab267840

1 Image

Description

<b>Product name</b>	Recombinant Human Recoverin protein (Tagged)	
<b>Purity</b>	>90% by SDS-PAGE.	
<b>Expression system</b>	Mammalian	
<b>Accession</b>	<a href="#">P35243</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	MGNSKSGALSKEILEELQLNTKFSEEEELCSWYQSFLKDC PTGRITQQQFQ SIYAKFFPDTPKAYAQHVFERSFDSNLDGTLDFKEYVIALH MTTAGKTNQ KLEWAFSLYDVDGNGTISKNEVLEIVMAIFKMITPEDVKLLP DDENTPEK RAEKIWKYFGKNDDDKLTEKEFIEGTLANKEILRLIQFEPQK VKEKMKNA	
<b>Predicted molecular weight</b>	23 kDa	
<b>Actual molecular weight</b>	27 kDa	
<b>Amino acids</b>	2 to 200	
<b>Tags</b>	His tag N-Terminus	
<b>Additional sequence information</b>	Mature chain. C-terminal Myc tag	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab267840** in the following tested applications.

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

**Applications** SDS-PAGE

**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.

Constituents: PBS, 6% Trehalose

## General Info

---

### Function

Seems to be implicated in the pathway from retinal rod guanylate cyclase to rhodopsin. May be involved in the inhibition of the phosphorylation of rhodopsin in a calcium-dependent manner. The calcium-bound recoverin prolongs the photoresponse.

### Tissue specificity

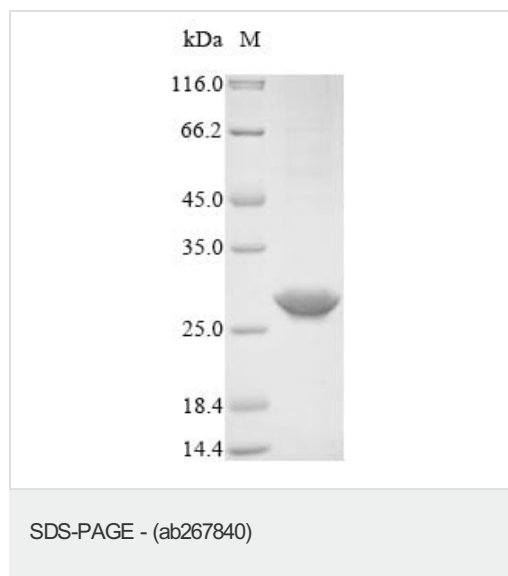
Retina and pineal gland.

### Sequence similarities

Belongs to the recoverin family.  
Contains 4 EF-hand domains.

## Images

---



SDS-PAGE analysis of recombinant recoverin protein (ab267840). (Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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

## 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