

## Product datasheet

# Recombinant Human RPE protein ab173049

### Overview

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

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli
<b>Amino Acid Sequence</b>	
<b>Accession</b>	<a href="#">Q96AT9</a>
<b>Species</b>	Human
<b>Sequence</b>	MASGCKIGPSILNSDLANLGAECLRMLDSGADYLHLDV MDGHFVPNITFG HPVVESLRKQLGQDPFFDMHMMVSKPEQWVKPMAV AGANQYTFHLEATEN PGALIKDIRENGMKVGLAIKPGTSVEYLAPWANQIDMAL VMTVEPGFGGQ KFMEDMMPKVHWRRTQFPSLDIEVDGGVGPDTVHKC AEAGANMIVSGSAI MRSEDPRSVINLLRNVCSEAAQKRSLDRVDHHHHHH
<b>Molecular weight</b>	26 kDa including tags
<b>Amino acids</b>	1 to 228
<b>Tags</b>	His tag C-Terminus

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab173049** 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>	HPLC SDS-PAGE
<b>Endotoxin level</b>	< 1.000 Eu/μg
<b>Purity</b>	>95% by SDS-PAGE . Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

**Form** Liquid

## Preparation and Storage

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**Stability and Storage** Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.  
pH: 6.20  
Constituents: 0.88% Sodium chloride, 99% Phosphate Buffer

## General Info

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**Function** Catalyzes the reversible epimerization of D-ribulose 5-phosphate to D-xylulose 5-phosphate.

**Sequence similarities** Belongs to the ribulose-phosphate 3-epimerase family.

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**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

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- 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.

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