

Product datasheet

Recombinant Human RPE protein ab173049

Overview

Product name	Recombinant Human RPE protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession [Q96AT9](#)

Species Human

Sequence

```
MASGCKIGPSILNSDLANLGAELRMLDSGADYLHLDV
MDGHFVPNITFG
HPVVESLRKQLGQDPFFDMHMMVSKPEQWVKPMAV
AGANQYTFHLEATEN
PGALIKDIRENGMKVGLAIKPGTSVEYLAPWANQIDMAL
VMTVEPGFGGQ
KFMEDMMPKVHWRRTQFPSLDIEVDGGVGPDTVHKC
AEAGANMIVSGSAI
MRSEDPKRSVINLLRNVCSEAAQKRSLDRVDHHHHHH
```

Molecular weight	26 kDa including tags
Amino acids	1 to 228
Tags	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.

Applications	HPLC SDS-PAGE
Endotoxin level	< 1.000 Eu/µg
Purity	>95% by SDS-PAGE . Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Form	Liquid

Preparation and Storage

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
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General Info

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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