

Recombinant Human PECI/ECI2 protein ab99327

1 Image

Description	
Product name	Recombinant Human PECI/ECI2 protein
Purity	> 95 % SDS-PAGE. ab99327 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u><b>O75521</b></u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<b>MGSSHHHHHHSSGLVPRGSH</b> MNRTAMRASQKDFENSM NQVKLLKKDPGNE VKLKLYALYKQATEGPCNMPKPGVFDLINKAKWDAWNAL GSLPKEAARQN YDLVSSLSPSLESSSQVEPGTDRKSTGFETLVVTSEDGI TKIMFNRPKK KNAINTEMYHEIMRALKAAASKDDSIITVLTGNGDYSSGNDL TNFTDIPP GGVEEKAKNNAVLLREFVGCDFIDFPKPLIAVVNGPAVGISV TLLGLFDAV YASDRATFHTPFSHLGQSPEGCSSYTFPKIMSPAKATEMLI FGKKLTAGE ACAQGLVTEVFPDSTFQKEVWTRLKAFALPPNALRISKE VIRKREREKL HAVNAEECNVLQGRWLSDECTNAVVNFLSRKSKL
Predicted molecular weight	42 kDa including tags
Amino acids	31 to 394
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab99327** 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>	SDS-PAGE Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as PECl

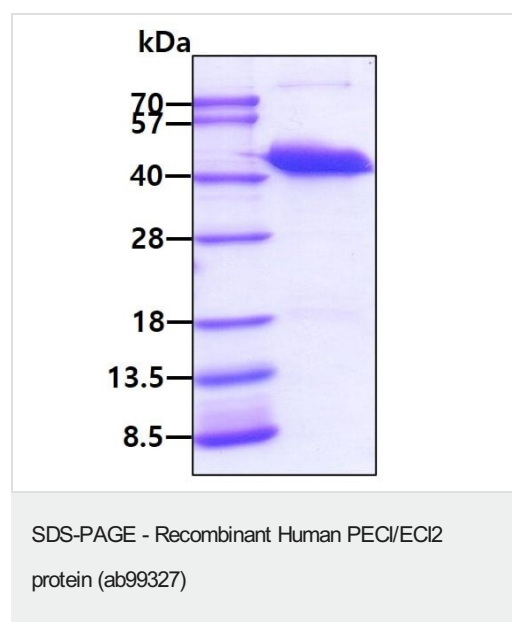
## Preparation and Storage

<b>Stability and Storage</b>	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: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)
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## General Info

<b>Function</b>	Able to isomerize both 3-cis and 3-trans double bonds into the 2-trans form in a range of enoyl-CoA species. Has a preference for 3-trans substrates.
<b>Tissue specificity</b>	Abundant in heart, skeletal muscle and liver. Expressed in CD34(+) T-cells and CD34(+) bone marrow cells.
<b>Sequence similarities</b>	In the C-terminal section; belongs to the enoyl-CoA hydratase/isomerase family. Contains 1 ACB (acyl-CoA-binding) domain.
<b>Cellular localization</b>	Mitochondrion and Peroxisome matrix.

## Images



SDS-PAGE analysis of **ab99237** (3µg) under reducing condition and visualized by coomassie blue stain.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
  
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- 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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