

# Recombinant human PET117 protein

Catalog Number: ATGP2307

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

23-81aa

### UniProt No.

Q6UWS5

### NCBI Accession No.

NP\_001158283

### Alternative Names

Protein PET117 homolog mitochondrial, Protein PET117 homolog, mitochondrial,

## PRODUCT SPECIFICATION

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### Molecular Weight

9.5 kDa (82aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

Protein PET117 homolog, mitochondrial, also known as PET117, is nuclear gene. PET117 is required for the assembly of active cytochrome c oxidase in *S. cerevisiae*, yet their gene products are not subunits of the final assembled cytochrome c oxidase complex. PET117 is located on chromosome V near the HIS1 gene. Recombinant human PET117 protein, fused to His-tag at N-terminus, was expressed in *E. coli* and purified by using conventional chromatography techniques.

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## Amino acid Sequence

<MGSSHHHHH SSGLVPRGSH MGS>VHVKQQW DQQLRDGVI RDIERQIRKK ENIRLLGEQI ILTEQLEAER  
EKMLLAKGSQ KS

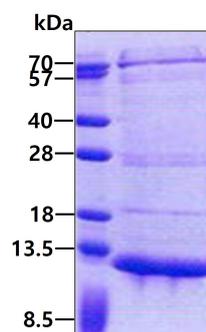
## General References

McEwen J.E., et al. (1993) Curr Genet. 13(1):9-14.

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.