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# Recombinant human PET117 protein

Catalog Number: ATGP2307

### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

23-81aa

#### UniProt No.

**06UWS5** 

#### **NCBI Accession No.**

NP 001158283

#### **Alternative Names**

Protein PET117 homolog mitochondrial, Protein PET117 homolog, mitochondrial,

## **PRODUCT SPECIFICATION**

#### **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**

#### **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**

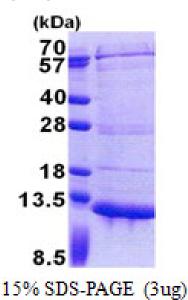
MGSSHHHHHH SSGLVPRGSH MGSVHVKQQW DQQRLRDGVI RDIERQIRKK ENIRLLGEQI ILTEQLEAER EKMLLAKGSQ KS

#### **General References**

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

# **DATA**

# **SDS-PAGE**



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

