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Recombinant human PET117 protein

Catalog Number: ATGP2307

PRODUCT INFORMATION

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

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

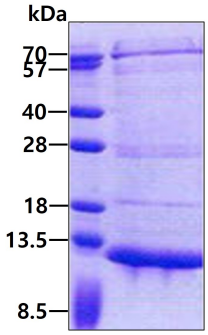
<MGSSHHHHHH SSGLVPRGSH MGS>VHVKQQW DQQRLRDGVI RDIERQIRKK ENIRLLGEQI ILTEQLEAER EKMLLAKGSQ KS

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.