

PET117, 23-81aa, Human, His tag, E.coli

Cat.NO.: TP03356

3th Edition

Synonyms:Protein PET117 homolog, mitochondrial,

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.

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

Molecular Weight:9.5 kDa (82aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSVHVKQQWDQQRLRDGVIRDIERQIRKKENIRLLGEQILTEQLEAEREKMLLA
KGSQKS

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.