

Recombinant Prenylcysteine Oxidase 1 (PCYOX1) Instruction Manual

SIPH421Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Lysosome
Predicted Molecular Mass	67.3kDa
Accurate Molecular Mass	67kDa(Analysis of differences refer to the manual)
Residues & Tags	Tyr174~Leu505 with N-terminal His and GST Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.5
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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YAFSSVE KLLHALGGDD FLGMLNRTLL  
ETLQKAGFSE KFLNEMIAPV MRVNYGQSTD INAFVGA VSL SCSDSGLWAV  
EGGNKLVCSG LLQASKSNLI SGSVMYIEEK TKTKYTG NPT KMYEVVYQIG  
TETRSDFYDI VLVATPLNRK MSNITFLNFD PPIEEFHQYY QHIVTTLVKG  
ELNTSIFSSR PIDKFGLNTV LTTDNSDLFI NSIGIVPSVR EKEDPEPSTD  
GTYVWKIFSQ ETLTKAQILK LFLSYDYAVK KPWLAYPHYK PPEKCP SIIL  
HDRLYYLNGI ECAASAMEMS AIAAHNAALL AYHRWNGHTD MIDQDGLYEK  
LKTEL
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

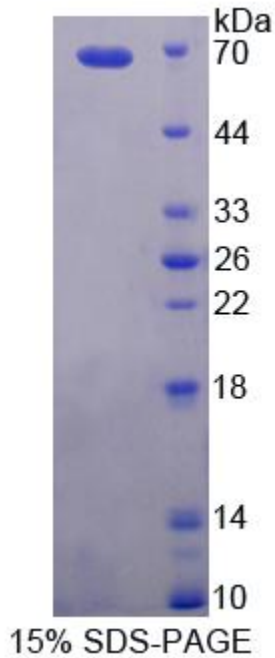
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.