

Recombinant Human PCYOX1 Protein, His/GST-tagged

Cat. No. PCYOX1-758H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCYOX1(Tyr174~Leu505) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Tyr174~Leu505
Description	Prenylcysteine is released during the degradation of prenylated proteins. PCYOX1 catalyzes the degradation of prenylcysteine to yield free cysteines and a hydrophobic isoprenoid product (Tschantz et al., 1999 [PubMed 10585463]).
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	67.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

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

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

PCYOX1 prenylcysteine oxidase 1 [Homo sapiens]

Official Symbol

PCYOX1

Synonyms

PCYOX1; prenylcysteine oxidase 1; KIAA0908; PCL1; prenylcysteine lyase;

Gene ID

51449

mRNA Refseq

NM_016297

Protein Refseq

NP_057381

MIM

610995

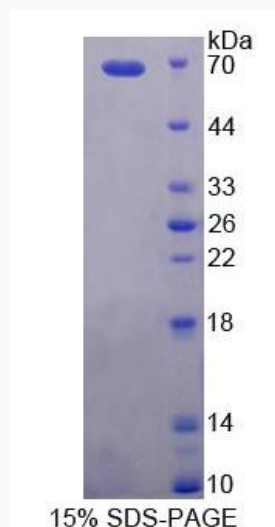
UniProt ID

Q9UHG3

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