

Recombinant Human PAOX Protein, His-tagged

Cat. No. PAOX-2544H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PAOX Protein (Phe242-His484) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Phe242-His484
Description	Enables polyamine oxidase activity. Involved in polyamine metabolic process and positive regulation of spermidine biosynthetic process. Predicted to be located in cytosol and peroxisomal matrix.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.5 kDa Accurate Molecular Mass: 31 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

PAOX polyamine oxidase (exo-N4-amino) [Homo sapiens (human)]

Official Symbol

PAOX

Synonyms

PAOX; polyamine oxidase (exo-N4-amino); peroxisomal N(1)-acetyl-spermine/spermidine oxidase; PAO; peroxisomal N1-acetyl-spermine/spermidine oxidase; MGC45464; DKFZp434J245;

Gene ID

196743

mRNA Refseq

NM_152911

Protein Refseq

NP_690875

MIM

615853

UniProt ID

Q6QHF9

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA