

Acyl Coenzyme A Oxidase 1 Recombinant Protein | ACOX1 recombinant protein

Recombinant Acyl Coenzyme A Oxidase 1, Palmitoyl (ACOX1)

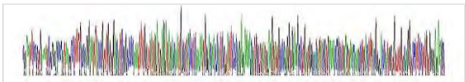
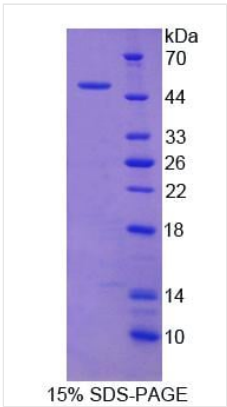
CATALOG # AAA145921	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Acyl Coenzyme A Oxidase 1; Recombinant Acyl Coenzyme A Oxidase 1; Palmitoyl (ACOX1); ACOX; PALMCOX; SCOX; Peroxisomal Acyl-Coenzyme A Oxidase 1; Straight-chain acyl-CoA oxidase; ACOX1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose
Concentration	80ug/mL (varies by lot)
Applicable Applications for ACOX1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Arg210~Asn409
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	8.3
Usage	Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: 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.



Identification
Figure . Gene Sequencing (extract

SDS-PAGE

R EIGTHKPLPG ITVGDIGPKF CYDEIDHGVL KPDNHRIPRE
NHLMKYAVQVK PDGTYYKPLS NKLTYGTMVF YRSFLVGEEA RALSKACTIA
IRYSAVRHQS EIKPGEPEPD ILDFQTQYK LFPLLATAYA FQFVGAYMKE
TYHRINEGIG QCDLSELPEL HALTAGLKAF TSKTANTGIE ACRMACCGHG
YSHCSGLPN

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	59799072
NCBI GeneID	2912003
Molecular Weight	Predicted Molecular Mass: 52.1kDa Accurate Molecular Mass: 52kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Acyl-coenzyme A oxidase 1
NCBI Official Symbol	YALI0E32835g
NCBI Protein Information	YALI0E32835p
UniProt Protein Name	Acyl-coenzyme A oxidase 1
UniProt Gene Name	POX1
UniProt Synonym Gene Names	ACO1; Acyl-CoA oxidase 1
UniProt Entry Name	ACOX1_YARLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pox1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145921>