

## ACOX1 抗原（重组蛋白）

中文名称：ACOX1 抗原（重组蛋白）

英文名称：ACOX1 Antigen (Recombinant Protein)

别名：Acyl-CoA oxidase 1, palmitoyl; ACOX; SCOX; PALMCOX

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to C terminal 250 amino acids of human ACOX1

技术规格：

<b>Full name:</b>	Acyl-CoA oxidase 1, palmitoyl
<b>Synonyms:</b>	ACOX; SCOX; PALMCOX
<b>Swissprot:</b>	Q15067
<b>Gene Accession:</b>	BC010425
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	The protein encoded by this gene is the first enzyme of the fatty acid beta-oxidation pathway, which catalyzes the desaturation of acyl-CoAs to 2-trans-enoyl-CoAs. It donates electrons directly to molecular oxygen, thereby producing hydrogen peroxide. Defects in this gene result in pseudoneonatal adrenoleukodystrophy, a disease that is characterized by accumulation of very long chain fatty acids. Alternatively spliced transcript variants encoding different isoforms have been identified.

