



Native Acyl-CoA Oxidase (DAG-WT1266)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	One unit is defined as the amount of enzyme which generates 1 μ mole of H ₂ O ₂ per minute at 37°C under the conditions specified in the assay procedure.
Conjugate	N/A
Applications	Enzymatic cycling determination
Molecular Weight	62 kDa
Format	Lyophilized
Size	1 KU
Buffer	Enzyme dilution buffer
Storage	Store at -20°C

BACKGROUND

Introduction	Acyl-CoA oxidase belongs to the family of oxidoreductases, specifically those acting on the CH-CH group of donor with oxygen as acceptor. The systematic name of this enzyme class is acyl-CoA:oxygen 2-oxidoreductase. Other names in common use include fatty acyl-CoA oxidase, acyl coenzyme A oxidase, and fatty acyl-coenzyme A oxidase. This enzyme participates in 3 metabolic pathways: fatty acid metabolism, polyunsaturated fatty acid biosynthesis, and ppar signaling pathway. It employs one cofactor, FAD.
Keywords	Acyl-CoA Oxidase; ACOX1; ACOX3; EC 1.3.3.6