

ELISA Kit FOR Acyl-CoA desaturase

Description

Gene name:	SCD;
Protein name:	Acyl-CoA desaturase;
Alternative:	Stearoyl-CoA desaturase;Delta(9)-desaturase(Delta-9 desaturase);Fatty acid desaturase;
Organism:	Pig (<i>Sus scrofa</i>).

General Annotation

Sub Unit:	N/A
Function:	Terminal component of the liver microsomal stearyl-CoA desaturase system, that utilizes O(2) and electrons from reduced cytochrome b5 to catalyze the insertion of a double bond into a spectrum of fatty acyl-CoA substrates including palmitoyl-CoA and stearoyl-CoA.
Subcellular Location:	Endoplasmic reticulum membrane Multi-pass membrane protein

Protein Attributes:

Sequence length:	334
Sequence:	
50:	SSYTTTTTIT APSSRVLQNG GKGSEKTPQY VEEDIRPEMK DDIYDPTYQD
100:	KEGPQGKLEY VWRNIILMSL LHLGALYGI LIPTCKIYTL LWAFAYYLLS
150:	AVGVTAGAHR LWSHRTYKAR LPLRVFLIA NTMAFQNDVY EWARDHRAHH
200:	KFSETDADPH NSRRGFFFSH VGWLLVRKHP AVKEKGGLN MSDLKA EKLV
250:	MFQRRYYKPG ILLMCFILPT IVPWYCWGEA FPQSLFVATF LRYAIVLNAT
300:	WLVNSAAHLY GYRPYDKTIS PRENILVSLG AVGEGFHNYH HTFPYDYSAS
334:	EYRWHINLTT FFIDCMAALG LA YDRKKVSK AAIL
3D Structure:	N/A

Related Databases

Pfam:	PF00487
String:	O02858
UniGene:	Ssc.16159
Uniprot:	O02858

References