

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:	Human (Homo sapiens).

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:	359
Sequence:	
50:	MPAHLQDDI SSSYTTTTTI TAPPSRVLQN GGDKLETMPL YLEDDIRPDI
100:	KDDIYDPTYK DKEGSPKVE YVWRNIIIMS LLHLGALYGI TLIPTCKFYT
150:	WLWGVFYYFV SALGITAGAH RLWSHRSYKA RLPLRFLII ANTMAFQNDV
200:	YEW ARDHRAH HKFSEHADP HNSRRGFFFS HVGWLLVRKH PAVKEKGSTL
250:	DLSDEAEKL VMFQRRYKPK GLLMMCIFLP TLVPWYFWGE TFQNSVFVAT
300:	FLRYAVLNA TWLVNSAAHL FGYPYDKNI SPRENILVSL GAVGEGFHNY
350:	HHSFPYDYSA SEYRWHINFT TFFIDCAAAL GLAYDRKKVS KAAILARIKR
359:	TGDGNYKSG
3D Structure:	N/A

Related Databases

Pfam:	PF00487
String:	O00767
KEGG:	hsa:6319
MIM:	604031

UniGene:	Hs.558396
Uniprot:	O00767

References
