

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:	Bovine (Bos taurus).

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:	MPAHLLEQEEI SSSYTTTTTI TAPPSRVLQN GGGKLEKTPL YLEEDIRPEM
100:	RDDIYDPTYQ DKEGPKPKLE YVWRNIIIMS LLHLGALYGI TLIPTCKIYT
150:	YIWLFFYYLM GALGITAGAH RLW SHRTYKA RLPLRVFLII GNTMAFQNDV
200:	FEWSRDHRAH HKFSETDADP HNSRRGFFFS HVGWLLVRKH PA VKEKGSTL
250:	NLSDLRAEKL VMFQRRYYKP GVLLLCFILP TLVPWYLWDE TFQNSLFFAT
300:	LFRYALGLNV TWLVNSAAHM YGYRPYDKTI NPRENILVSL GAAGEGFHNY
350:	HHTFPYDYSA SEYRWHINFT TFFIDCMAAI GLAYDRKKVS KAAILARIKR
359:	TGEESYKSG
3D Structure:	N/A

Related Databases

Pfam:	PF00487
UniGene:	Bt.65021
KEGG:	bta:280924
Uniprot:	Q9TT94

