Recombinant Mouse Scd1, His-tagged

Cat. No. Scd1-3127M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Acyl-CoA desaturase 1 (Scd1)
Species	Mouse
Source	E.Coli/Yeast
ProteinLength	355
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Scd1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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GENE INFORMATION

Gene Name	Scd1 stearoyl-Coenzyme A desaturase 1 [Mus musculus]
Official Symbol	Scd1
Synonyms	SCD1; stearoyl-Coenzyme A desaturase 1; acyl-CoA desaturase 1; asebia; delta-9 desaturase 1; delta(9)-desaturase 1; fatty acid desaturase 1; stearoyl-CoA desaturase 1; ab; Scd; Scd-1; AA589638; AI265570;
Gene ID	20249
mRNA Refseq	NM_009127
Protein Refseq	NP_033153
Pathway	Adipogenesis, organism-specific biosystem; Biosynthesis of unsaturated fatty acids, organism-specific biosystem; Biosynthesis of unsaturated fatty acids, conserved biosystem; Fatty Acid Biosynthesis, organism-specific biosystem; PPAR (Peroxisome prolifera
Function	iron ion binding; oxidoreductase activity; oxidoreductase activity, acting on paired donors, with oxidation of a pair of donors resulting in the reduction of molecular oxygen to two molecules of water; stearoyl-CoA 9-desaturase activity;

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