

SCD5 gene expression

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19/05/2024

Introduction

Reactome is open-source, open access, manually curated and peer-reviewed pathway database. Pathway annotations are authored by expert biologists, in collaboration with Reactome editorial staff and cross-referenced to many bioinformatics databases. A system of evidence tracking ensures that all assertions are backed up by the primary literature. Reactome is used by clinicians, geneticists, genomics researchers, and molecular biologists to interpret the results of high-throughput experimental studies, by bioinformaticians seeking to develop novel algorithms for mining knowledge from genomic studies, and by systems biologists building predictive models of normal and disease variant pathways.

The development of Reactome is supported by grants from the US National Institutes of Health (P41 HG003751), University of Toronto (CFREF Medicine by Design), European Union (EU STRP, EMI-CD), and the European Molecular Biology Laboratory (EBI Industry program).

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This document contains 1 reaction (see Table of Contents)

SCD5 gene expression *对*

Stable identifier: R-HSA-9621399

Type: omitted

Compartments: nucleoplasm, endoplasmic reticulum membrane



Stearoyl-CoA desaturase 5 (SCD5, also known as acyl-CoA desaturase 4 or SCD2) is a ER-membrane protein involved in the desturation of fatty acyl-CoA substrates (Wang et al, 2005; Zhang et al, 2005). SCD5 gene expression is upregulated in an SREBF2- and EGR2-dependent manner during Schwann cell myelination (Tabor et al, 1998; Tabor et al, 1999; Horton et al, 2003; LeBlanc et al, 2004; Jang et al, 2010).

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Editions

2019-08-16	Authored	Rothfels, K.
2020-01-17	Reviewed	Aletta, J M.
2020-02-24	Edited	Rothfels, K.