

PACO43889

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA

**Recommended dilutions:**

**Protein Background:**

Acyl-CoA synthetase probably involved in bile acid, metabolism. Proposed to activate C27 precursors of bile acid, to their CoA thioesters derivatives before side chain cleavage via peroxisomal beta-oxidation occurs. In vitro, activates 3-alpha,7-alpha,12-alpha-trihydroxy-5-beta-cholestanate (THCA), the C27 precursor of cholic acid, deriving from the de novo synthesis from cholesterol. Does not utilize C24 bile acid, as substrates. In vitro, also activates long- and branched-chain fatty acid, and may have additional roles in fatty acid, metabolism. May be involved in translocation of long-chain fatty acid, (LFCA) across membranes.

**Gene ID:**

SLC27A2

**Uniprot**

O14975

**Synonyms:**

Very long-chain acyl-CoA synthetase (VLACS) (VLCS) (EC 6.2.1. -) (Fatty acid, transport protein 2) (FATP-2) (Fatty-acid, coenzyme A ligase, very long-chain 1) (Long-chain-fatty-acid, -CoA ligase) (EC 6.2.1.3) (Solute carrier family 27 member 2) (THCA-CoA ligase) (Very long-chain-fatty-acid, CoA ligase), SLC27A2, ACSVL1 FACVL1 FATP2 VLACS

**Immunogen:**

Recombinant Human Very long-chain acyl-CoA synthetase protein (30-200AA).

**Storage:**

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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N/A

N/A