

# Recombinant Human ACSL4

Catalog No: #GP11137



Package Size: #GP11137-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human ACSL4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human acyl-CoA synthetase long-chain family member 4
Target Name	acyl-CoA synthetase long-chain family member 4
Other Names	ACS4; FAFL4; LACS4; MRX63; MRX68
Accession No.	Swissprot:O60488Gene Accession:BC034959
Uniprot	O60488
GenID	2182;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene is an isozyme of the long-chain fatty-acid-coenzyme A ligase family. Although differing in substrate specificity, subcellular localization, and tissue distribution, all isozymes of this family convert free long-chain fatty acids into fatty acyl-CoA esters, and thereby play a key role in lipid biosynthesis and fatty acid degradation. This isozyme preferentially utilizes arachidonate as substrate. The absence of this enzyme may contribute to the mental retardation or Alport syndrome. Alternative splicing of this gene generates 2 transcript variants.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only