

Recombinant Human ACSL3 Protein, GST-tagged

Cat. No. ACSL3-197H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ACSL3 partial ORF (NP_004448, 203 a.a. - 288 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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 is highly expressed in brain, and preferentially utilizes myristate, arachidonate, and eicosapentaenoate as substrates. The amino acid sequence of this isozyme is 92% identical to that of rat homolog. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	35.2 kDa
AA Sequence	NETEVTNIITSKELLQTKLKDIVSLVPRLRHIITVDGKPPTWSEFPKGIIVHTMAAVEAL GAKASMENQPHSKPLPSDIAVIMYTS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

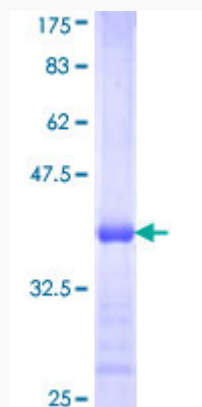
GENE INFORMATION

Gene Name	ACSL3 acyl-CoA synthetase long-chain family member 3 [Homo sapiens]
Official Symbol	ACSL3
Synonyms	ACSL3; acyl-CoA synthetase long-chain family member 3; FACL3, fatty acid Coenzyme A ligase, long chain 3; long-chain-fatty-acid--CoA ligase 3; ACS3; PRO2194; LACS 3; lignoceroyl-CoA synthase; long-chain acyl-CoA synthetase 3; fatty-acid-Coenzyme A ligase, long-chain 3; FACL3;
Gene ID	2181
mRNA Refseq	NM_004457
Protein Refseq	NP_004448
MIM	602371
UniProt ID	O95573

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



12.5% SDS-PAGE Stained with Coomassie Blue.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA