

**ACSF2 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP21538c****Specification**

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**ACSF2 Blocking Peptide (Center) - Product Information**Primary Accession [Q96CM8](#)**ACSF2 Blocking Peptide (Center) - Additional Information****Gene ID** 80221**Other Names**

Acyl-CoA synthetase family member 2, mitochondrial, 621-, ACSF2

**Target/Specificity**

The synthetic peptide sequence is selected from aa 198-212 of HUMAN ACSF2

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**ACSF2 Blocking Peptide (Center) - Protein Information****Name** ACSF2 ([HGNC:26101](#))**Function**

Acyl-CoA synthases catalyze the initial reaction in fatty acid metabolism, by forming a thioester with CoA (PubMed:<a href="http://www.uniprot.org/citations/17762044" target="\_blank">17762044</a>). Has some preference toward medium-chain substrates (PubMed:<a href="http://www.uniprot.org/citations/17762044" target="\_blank">17762044</a>). Plays a role in adipocyte differentiation (PubMed:<a href="http://www.uniprot.org/citations/16380219" target="\_blank">16380219</a>).

**Cellular Location**

Mitochondrion.

**ACSF2 Blocking Peptide (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **ACSF2 Blocking Peptide (Center) - Images**

### **ACSF2 Blocking Peptide (Center) - Background**

Acyl-CoA synthases catalyze the initial reaction in fatty acid metabolism, by forming a thioester with CoA. Has some preference toward medium-chain substrates. Plays a role in adipocyte differentiation.

### **ACSF2 Blocking Peptide (Center) - References**

Clark H.F.,et al.Genome Res. 13:2265-2270(2003).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Zody M.C.,et al.Nature 440:1045-1049(2006).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Perera R.J.,et al.Gene 369:90-99(2006).