



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### SLC27A2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00011001-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human SLC27A2 full-length ORF (AAH57770.1, 1 a.a. - 567 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MLSAIYTVLAGLLFLLVNLCCPYFFQDIGYFLKVAAV  
GRRVRSYGKRRPARTILRAFLEKARQTPHKPFLLFRDE  
TLTYAQVDRRSNQVARALHDHLGLRQGDCVALLMGN  
EPAYVWLWLGLVKLGCAMAACLNYNIRAKSLLHCFQCC  
GAKVLLVSPELQAAVEEILPSLKKDDVSIYYVSRTSNTD  
GIDSFLDKVDEVSTEPIESWRSEVTFSTPALYIYTSGT  
TGATLALRRTKFSASQFWDDCRKYNVTVIQYIGELLRYL  
CNSPQKPNDRDHKVRALGNLGRGDVWRQFVKRFG  
DICIYEFYAATEGNIGFMNYARKVGA VGRVNYLQKKIIT  
YDLIKYDVEKDEPVRDENG YCVRVPKGEVLLVCKITQ  
LTPFNGYAGAKAQTEKKLRDVFKKGDLYFNSGDLLM  
VDHENFIYFHDRVGDTRWKGENVATTEVADTVGLVD  
FVQEVNVYGVHVPDHEGRIGMASIKMKENHEFDGKKL  
FQHIADYLPSYARPRFLRIQDTIEITGTFKHRKMTLVEE  
GFNPAVIKDALYFLDDTAKMYVPMTEIDIYNAISAKTLKL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 91

**Interspecies Antigen Sequence:** Mouse (76); Rat (76)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 11001

**Gene Symbol:** SLC27A2

**Gene Alias:** ACSVL1, FACVL1, FATP2, HsT17226, VLACS, VLCS, hFACVL1

**Gene Summary:** The protein encoded by this gene is an isozyme of 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 activates long-chain, branched-chain and very-long-chain fatty acids containing 22 or more carbons to their CoA derivatives. It is expressed primarily in liver and kidney, and is present in both endoplasmic reticulum and peroxisomes, but not in mitochondria. Its decreased peroxisomal enzyme activity is in part responsible for the biochemical pathology in X-linked adrenoleukodystrophy. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]