

Datasheet for ABIN7562629

## SLC27A3 Protein (AA 1-667) (His tag)



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### Overview

Quantity:	1 mg
Target:	SLC27A3 (FATP3)
Protein Characteristics:	AA 1-667
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC27A3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Slc27a3 Protein expressed in mammalien cells.
Sequence:	MAALLLLLPL LLLLPLLLKL DVWPQLRWLP ADLAFTVRAL RCKRALRARA LAAAAADPES SESGCSLAWR LAYLAREQPT HTFLIHGAQR FSYAEAERES NRIARAFLRA RGWTGGRRGS GRGSTEEGAR VAPPAGDAAA RGTTAPPLAP GATVALLPA GPDFLWIWFG LAKAGLRTAF VPTALRRGPL LHCLRSCGAS ALVLATEFLE SLEPDLPALR AMGLHLWATG PETNVAGISN LLSEAADQVD EPVPGYLSAP QNIMDTCLYI FTSGTTGLPK AARISHLKVL QCQGFYHLCG VHQEDVIYLA LPLYHMSGSL LGIVGCLGIG ATVVLKPKFS ASQFWDDCQK HRVTVFQYIG ELCRYLVNQP PSKAECDHKV RLAVGSGLRP DTWERFLRRF GPLQILETYG MTEGNVATFN YTGRQGAVGR ASWLYKHIFP FSLIRYDVM TGEPIRNAQGH CMTTSPGEPG LLVAPVSQQS PFLGYAGAPE LAKDKLLKDV FWSGDVFFNT GDLLVCDEQG FLHFHDRTGD TIRWKGENVA TTEVAEVLET LDFLQEVNIY GVTVPGHEGR AGMAALALRP PQALNLVQLY SHVSENLPY ARPRFLRLQE SLATTETFKQ QKVRMANEGF DPSVLSPLY VLDQDIGAYL PLTPARYSAL

LSGDLRI **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	SLC27A3 (FATP3)
Alternative Name:	Slc27a3 ( <a href="#">FATP3 Products</a> )
Background:	<p>Long-chain fatty acid transport protein 3 (FATP-3) (Fatty acid transport protein 3) (Arachidonate--CoA ligase) (EC 6.2.1.15) (Long-chain-fatty-acid--CoA ligase) (EC 6.2.1.3) (Solute carrier family 27 member 3) (Very long-chain acyl-CoA synthetase homolog 3) (VLCS-3) (EC 6.2.1.-),FUNCTION: Mainly functions as an acyl-CoA ligase catalyzing the ATP-dependent formation of fatty acyl-CoA using LCFA and very-long-chain fatty acids (VLCFA) as substrates (PubMed:15469937, PubMed:15699031). Can mediate the levels of long-chain fatty acids (LCFA) in the cell by facilitating their transport across membranes (PubMed:15699031). {ECO:0000269 PubMed:15469937, ECO:0000269 PubMed:15699031}.</p>
Molecular Weight:	73.0 kDa

## Target Details

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UniProt: [O88561](#)

## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months