

Recombinant Human FATP1 protein ab132799

1 Image

Description

Product name	Recombinant Human FATP1 protein
Expression system	Wheat germ
Accession	<u>Q6PCB7</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MRAPGAGAASVVSLALLWLLGLPWTWSAAAALGVVVGSGGWRFLRVCKT ARRDLFGLSVLIRVRLELRRHQ RAGHTIPRIFQAVVQRQPE RLALVDAGT GECWTFQAQLDAYSNVANLFRQLGFAPGDVVAIFLEGRP EFVGLWLGLAK AGMEAALLNVNLRREPLAFCLGTSGAKALIFGGEMVAAV AEVSGHLGKSL IKFCSGDLGPEGILPDTHLLDPLLKEASTAPLAQIPSKGMD DRLFYYTS GTTGLPKAAMVHSRYRMAAFGHAYRMQAADVLYDCLP LYHSAGNIIG VGQCLYGLTVVLRKKFSASRFWDDCIKYNCTVVQYIGEIC RYLLKQPVR EAERRHRVRLAVGNLRPAWEEFTERFGVRQIGEFYGAT ECNCSIANMD GKVGSCGFNSRILPHVYPIRLVKVNEDTMELLRDAQGLCIP CQAGEPGLL VGQINQQDPLRRFDGYVSESATSKKIAHSVFSKGDSAYLS GDVLVMDDELG YMYFRDRSGDTRWRGENVSTTEVEGVLSRLLGQTDVAV YGVAVPGVEGK AGMAAVADPHSLLDPNAYQELQKVLAPYARPIFLRLLPQV DTTGTFKIQ KTRLQREGFDPRQTSDRLLFFLDLKQGHYLPNEAVYTRIC SGAFAL</p>
Predicted molecular weight	98 kDa including tags

Specifications

Our **Abpromise guarantee** covers the use of **ab132799** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA SDS-PAGE Western blot
Form	Liquid
Additional notes	

Preparation and Storage

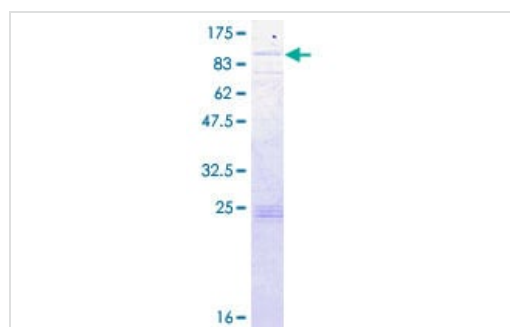
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Relevance	SLC27A1 (Solute carrier family 27 member 1) is involved in translocation of long-chain fatty acids (LFCA) across the plasma membrane. SLC27A1 may act directly as a bona fide transporter, or alternatively, in a cytoplasmic or membrane-associated multimeric protein complex to trap and draw fatty acids towards accumulation. It also plays a pivotal role in regulating available LFCA substrates from exogenous sources in tissues undergoing high levels of beta-oxidation or triglyceride synthesis and may be involved in regulation of cholesterol metabolism.
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Cellular localization	Cell membrane; Single-pass membrane protein. Intracytoplasmic membrane; Single-pass membrane protein. Cytoplasm. Note=Plasma membrane and intracellular membranes, at least in adipocytes. Predominantly cytoplasmic in myocytes.
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Images



12.5% SDS-PAGE analysis of ab132799 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human FATP1 protein
(ab132799)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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