

Product datasheet

Recombinant Human SLC27A4 / FATP4 protein
ab132824

1 Image

Description	
Product name	Recombinant Human SLC27A4 / FATP4 protein
Expression system	Wheat germ
Accession	<u>Q6P1M0-2</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MPLTLSTLLQPGRWTGRRAAEPTPGHNAAWSLSGGGAA VLQAGAETALD PGGILPVVPLLGMWRLALHPGLHQDHQAYLTGDVLVMDEL GYLYFRDRTG DTRFWKGENVSTTEVEGTLSRLLDMADVAVYGVEVPGTE GRAGMAAVASP TGNCDLERFAQVLEKELPLYARPIFLRLLPELHKTGTYKFQ KTELKKEGF DPAIVKDPLFYLDAQKGRYVPLDQEAYSRIQAGEEKL
Predicted molecular weight	52 kDa including tags
Amino acids	1 to 237
Additional sequence information	This is the full length protein sequence for isoform 2 UniProt: Q6P1M0-2 (AAH09959.1).

Specifications	
Our Abpromise guarantee covers the use of ab132824 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

General Info

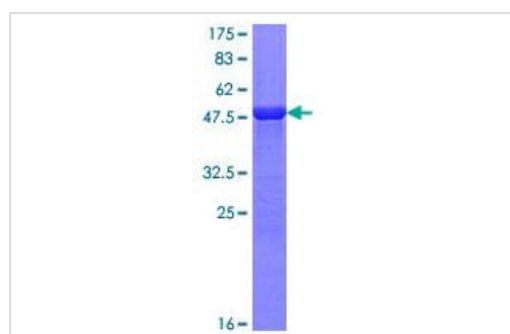
Relevance

SLC27A4 / FATP4 plays a role in the transport of long chain fatty acids across the plasma membrane. It has acyl-coA ligase activity for long chain and very long chain fatty acids. Deletion of the SLC27A4 gene results in embryonic lethality, which is attributed to the need for fat absorption across the visceral endoderm early in embryonic development. Expression of FAT4P in the intestinal lining is thought to be altered in response to dietary fat.

Cellular localization

Cell Membrane

Images



12.5% SDS-PAGE analysis of ab132824 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human SLC27A4 /
FATP4 protein (ab132824)

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