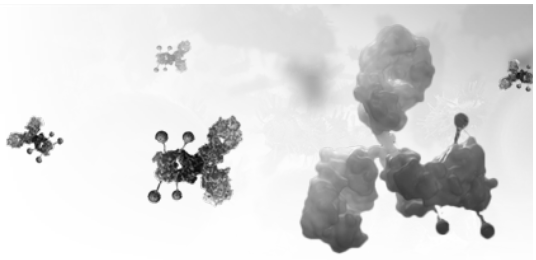

Human SLC27A4 peptide (DAG-P1105)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of a family of fatty acid transport proteins, which are involved in translocation of long-chain fatty acids cross the plasma membrane. This protein is expressed at high levels on the apical side of mature enterocytes in the small intestine, and appears to be the principal fatty acid transporter in enterocytes. Clinical studies suggest this gene as a candidate gene for the insulin resistance syndrome. Mutations in this gene have been associated with ichthyosis prematurity syndrome. [provided by RefSeq, Apr 2010]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	SLC27A4 solute carrier family 27 (fatty acid transporter), member 4 [Homo sapiens (human)]
Official Symbol	SLC27A4
Synonyms	SLC27A4; solute carrier family 27 (fatty acid transporter), member 4; IPS; FATP4; ACSVL4; long-chain fatty acid transport protein 4;
Entrez Gene ID	10999
mRNA Refseq	NM_005094.3

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Protein Refseq	NP_005085.2
UniProt ID	Q6P1M0
Chromosome Location	9q34.11
Pathway	Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of fatty acids, organism-specific biosystem; Transport of vitamins, nucleosides, and related molecules, organism-specific biosystem;
Function	fatty acid transporter activity; long-chain fatty acid-CoA ligase activity; nucleotide binding; very long-chain fatty acid-CoA ligase activity;

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