

Recombinant Human SLC27A4 Protein (L2-L643), 8×His-MBP, Flag tagged

Cat. No. SLC27A4-0605H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-MBP-TEV-(GG)-SLC27A4(L2-L643)-Flag Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	L2-L643
Description	Involved in translocation of long-chain fatty acids (LFCA) across the plasma membrane. Has acyl-CoA ligase activity for long-chain and very-long-chain fatty acids (VLCFAs). Appears to be the principal fatty acid transporter in small intestinal enterocytes. Plays a role in the formation of the epidermal barrier. Required for fat absorption in early embryogenesis. Probably involved in fatty acid transport across the blood barrier. Indirectly inhibits RPE65 via substrate competition and via production of VLCFA derivatives like lignoceroyl-CoA. Prevents light-induced degeneration of rods and cones.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Formulation:
Shipping	It is shipped out with blue ice.

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; long-chain fatty acid transport protein 4; ACSVL4; FATP4; IPS;
Gene ID	10999
mRNA Refseq	NM_005094
Protein Refseq	NP_005085
MIM	604194
UniProt ID	Q6P1M0

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA