

Recombinant Full Length Human Long-Chain Fatty Acid Transport Protein 4(Slc27A4) Protein, His-Tagged

Cat. No. RFL482HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Long-chain fatty acid transport protein 4(SLC27A4) Protein (Q6P1M0) (1-643aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-643)
Form	Lyophilized powder
AA Sequence	MLLGASLVGVLLFSKLVLPWTQVGFSLLFLYLGS GGWRFIRVFIKTIRRDIFGGLVL L KVKAKVRQCLQERRTPILFASTVRRHPDKTALIFEGTDTHWTFRQLDEYSSSVAN FLQA RGLASGDVAAIFMENRNEFVGLWLGMAKLGVEAALINTNLRRDALLHCLTTS RARALVFG SEMASAICEVHASLDPSLSLFCSGSWEPGAVPPSTEHLDP LLKDAPKH LPSCPDKGFTDK LFYIYTS GTTGLPKAAIVVHSRYRMAALVYYGFRMRPN DIVYDC LPLYHSAGNIVGIGQ CLLHGMTVVIRKKFSASRFWDDCIKYNCTIVQYIGELCRYLLN QPPREAENQHQRVMA LG NGLRQSIWTFSSRFHIPQVAEFYGATECNC SLGNFDS QVGACGFNSRILSFVYPIRLVR VNEDTMELIRGPDGVCIPCQPGEPGQLVGR IIQKD PLRRFDGYLNQGANNKKIAKDV FKK GDQAYLTGDVLVMD ELGYLYFRDRTGDTFR WKGENVSTTEVEGTL SRLLDMA DVA VY GVE VPGTEGRAGMAAVASPTGNCDLER FAQVLEKELPLYARPIFLRLLP ELHKTGT YKFQKTE LRKEGFDPAIVKDPLFYLD A QK GRYVPLDQEAYSRIQAGEEKL

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Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	SLC27A4
Synonyms	SLC27A4; ACSVL4; FATP4; Long-chain fatty acid transport protein 4; FATP-4; Fatty acid transport protein 4; Arachidonate--CoA ligase; Long-chain-fatty-acid--CoA ligase; Solute carrier family 27 member 4; Very long-chain acyl-CoA synthetase 4; ACSVL4
UniProt ID	Q6P1M0