

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

Cat. No. RFL11290MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Long-chain fatty acid transport protein 4(Slc27a4) Protein (Q91VE0) (1-643aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-643)
Form	Lyophilized powder
AA Sequence	MLLGASLVGALLFSKLVLPWTQVGFSLLLLYLGS GGWRFIRVFIKTVRRDIFGGMV LL KVKTKVRRYLQERKTVPLLFASMVQRHPDKTALIFEGTDTHWTFRQLDEYSSSV ANFLQA RGLASGNVVALFMENRNEFVGLWLGMALGVEAALINTNLRRDALRHCLD TSKARALIFG SEMASAICEIHASLEPTLSLFCSGSWEPTVPVSTEHLDPILLEDAPKH LPSPDKGFTDK LFYIYTS GTTGLPKAAIVVHSRYR MASLVYYGFRMRPDDIVYDC LPLYHSAGNIVGIGQ CLLHGMTVVIRKKFSASRFWDDCIKYNCTIVQYIGELCRYLLN QPPREAESRHKVRMALG NGLRQSIWTD FSSRFHIPQVAEFYGATECNC SLGNFDS RVGACGFNSRILSFVYPIRLVR VNEDTMELIRGPDGVCIPCQPGQPGQLVGR IIQQD PLRRFDGYLNQGANNKKIANDVFKK GDQAYLTGDVLVMD ELGYLYFRDRTGD TFR WKGENVSTTEVEGTL S RLLHMADVAVYGVE VPGTEGRAGMAAVASPISNCDLESF AQTLKKELPLYARPIFLRFLPELHKTGTFKFQKTE LRKEGFDPSVVKDPLFYLDARKG CYVALDQEAYTRIQAGEEKL

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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	Q91VE0

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