Recombinant Full Length Rat Very Long-Chain Acyl-Coa Synthetase(Slc27A2) Protein, His-Tagged

Cat. No. RFL20703RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Very long-chain acyl-CoA synthetase(Slc27a2) Protein (P97524) (1-620aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-620)
Form	Lyophilized powder
AA Sequence	MLPVLYTGLAGLLLLPLLLTCCCPYLLQDVRFFLQLANMARQVRSYRQRRPVRTILH VFL EQARKTPHKPFLLFRDETLTYAQVDRRSNQVARALHDHLGLRQGDCVALFMG NEPAYVWL WLGLLKLGCPMACLNYNIRAKSLLHCFQCCGAKVLLASPELHEAVEEV LPTLKKEGVSVF YVSRTSNTNGVDTVLDKVDGVSADPIPESWRSEVTFTTPAVYIYT SGTTGLPKAATINHH RLWYGTSLALRSGIKAHDVIYTTMPLYHSAALMIGLHGCIVVG ATFALRSKFSASQFWDD CRKYNATVIQYIGELLRYLCNTPQKPNDRDHKVKIALGNG LRGDVWREFIKRFGDIHIYE FYASTEGNIGFMNYPRKIGAVGRENYLQKKVVRHELIK YDVEKDEPVRDANGYCIKVPKG EVGLLICKITELTPFFGYAGGKTQTEKKKLRDVFK KGDVYFNSGDLLMIDRENFIYFHDR VGDTFRWKGENVATTEVADIVGLVDFVEEVN VYGVPVPGHEGRIGMASIKMKENYEFNGK KLFQHISEYLPSYSRPRFLRIQDTIEITG TFKHRKVTLMEEGFNPSVIKDTLYFMDDTEK TYVPMTEDIYNAIIDKTLKL
Purity	Greater than 90% as determined by SDS-PAGE.

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Applications	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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Slc27a2
Synonyms	Slc27a2; Acsvl1; Facvl1; Fatp2; Vlacs; Vlcs; Very long-chain acyl-CoA synthetase; VLACS; VLCS; Arachidonate--CoA ligase; Fatty acid transport protein 2; FATP-2; Fatty-acid-coenzyme A ligase, very long-chain 1; Long-chain-fatty-acid--CoA ligase; Phytanate-
UniProt ID	P97524

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