

Recombinant Full Length Human Long-Chain Fatty Acid Transport Protein 3(Slc27A3) Protein, His-Tagged

Cat. No. RFL33356HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Long-chain fatty acid transport protein 3(SLC27A3) Protein (Q5K4L6) (1-730aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-730)
Form	Lyophilized powder
AA Sequence	MGVCQRTRAPWKEKSQLERAALGFRKGGSGMFASGWNQTVPIEEAGSMAALLLLP LLLLL PLLLLKLHLWPQLRWLPADLAFVRLCCKRALRARALAAAAADPEGPEGGC SLAWRLAE LAQQRAAHTFLIHGSRFSYSEAERESNRAARAFLRALGWDWGPDDGG DSGEGSAGEGERA APGAGDAAAGSGAEFAGGDGAARGGGAAAPLSPGATVALLL PAGPEFLWLWFLAKAGLR TAFVPTALRRGPLLHCLRSCGARALVLAPEFLESLEP DLPALRAMGLHLWAAGPGTHPAG ISDLLAEVSAEVDGPVPGYLSSPQSITDTCYIF TSGTTGLPKAARISHLKILQCQGFYQ LCGVHQEDVIYALPLYHMSGSLGIVGCMGI GATVVLKSKFSAGQFWEDCQQHRVTVFQ YIGELCRYLVNQPPSKAERGHKVR LAV GSGLRPDTWERFVRRFGPLQVLETYGLTEGNVA TINYTGQRGAVGRASWLYKHIF PFSLIRYDVTTGPIRDPQGHCMATSPGEPGLLVAPVS QQSPFLGYAGGPPELAQ GK LLKDVFRPGDVFFNTGDLLVCDDQGF LRFH DRTGDTFRWKGE NVATTEVAEVFEA LDFLQEVNVYGVTVPGHEGRAGMAALVLRPPHALDLMQLYTHVSEN L PPYARPRFL

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	RLQESLATTETFKQQKVRMANEGFDPSTLSDPLYVLDQAVGAYLPLTTARY SALLA GNLRI
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	SLC27A3
Synonyms	SLC27A3; ACSVL3; FATP3; PSEC0067; UNQ367/PRO703; Solute carrier family 27 member 3; Arachidonate--CoA ligase; Long-chain fatty acid transport protein 3; FATP-3; Fatty acid transport protein 3; Very long-chain acyl-CoA synthetase homolog 3; VLCS-3
UniProt ID	Q5K4L6

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