

Recombinant Full Length Mouse Bile Acyl-CoA Synthetase(Slc27A5) Protein, His-Tagged

Cat. No. RFL5439MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Bile acyl-CoA synthetase(Slc27a5) Protein (Q4LDG0) (1-689aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-689)
Form	Lyophilized powder
AA Sequence	MGIWKKLTL LLLLLLLLVGLGQPPWPAAMALALRWFLGDPTCLVLLGLALLGRPWISS WMP HWLSLVGAALTFL LPLQPPPGLRWLHKDVAF TKMLFYGLKFRRRLNKHPPPE TFVDALE RQALAWPDRVALVCTGSEGSSITNSQLDARSCQAAWVLKAKLKDAVIQN TRDAAAILVLP SKTISALSVFLGLAKLGCPVAWINPHSRGMPLLHSVRSSGASVLIVD PDLQENLEEVLPK LLAENIHCFYLGHSSTPGVEALGASLDAAPSDPVPASLRATIK WKSPAIFIFTSGTTGL PKPAILSHERVIQVSNVLSFCGCRADDVVYDVLPLYHTIGLVL GFLGCLQVGATCVLAPK FSASRFWAECRQHGVTVILYVGEILRYLCNVPEQPEDKIH TVRLAMGNGLRANVWKNFQQ RFGPIRIWEFYGSTEGNVGLMNYVGHCGAVGRTS CILRMLTPFELVQFDIETAEPLRDKQ GFCIPVEPGKPGLLLT KVRKNQPFLGYRGSQ AESNRKLVANVRRVGDLYFNTGDVLTLDQ EGFFYFQDRLGDTFRWKGENVSTGEV ECVLSSLD FLEEVN VYGVPVPGCEGKVGMAAVKL APGKTFDGGQKLYQHVRSWLPA YATPHFIRIQDSLEITNTYKLVKSRLVREGFDVGIIADP LYILDNKAQTFRSLMPDVYQ

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	AVCEGTWNL
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	Slc27a5
Synonyms	Slc27a5; Acsb; Acsvl6; Fatp5; Vlacs; Bile acyl-CoA synthetase; BACS; Bile acid-CoA ligase; BA-CoA ligase; BAL; Cholate--CoA ligase; Fatty acid transport protein 5; FATP-5; Solute carrier family 27 member 5; Very long-chain acyl-CoA synthetase-related pro
UniProt ID	Q4LDG0