

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

Cat. No. RFL23529RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Bile acyl-CoA synthetase(Slc27a5) Protein (Q9ES38) (1-690aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-690)
Form	Lyophilized powder
AA Sequence	MGVWKKLTFLLLSLLLLVGLGQPLWPAATALALRWFLGDPTCFVLLGLAFLGRPWIS SWI PHWLSLAAAAATLSLLPPRPPPELRWLHKDVAFKLLFYGLNLRRLNRHPPE LFVDAL EQQAQARPDQVALVCTGSEGCSTNRELNAKACQAAWALKAKLKEATIQE DKGATAILVL PSKSISALSVFLGLAKLGCPVAWINPHSRGMPLLHSVQSSGASVLIVD PDLQENLEEVLP KLLAENIRCFYLGHSSTPGVEALGAALDAAPSDPVPAKLRANIK WKSPAIFIYTS GTTG LPKPAILSHERVIQMSNVLSFCGRTADDVVYNVLP LYHSMGL VLGVLGCLQLGATCVLAP KFSASRYWAECRQYSVTVVLYVGEVLR YLCNVPGQPE DKKHTVRFALGNGLRADVWENFQ QRF GPIQIWELYGSTEGNVGLMNYVGHCGAV GKTSCFIRMLTPLELVQFDIETAEPVRDK QGFCIPVETGKPGLLLT KIRKNQPFLGYR GSQDETKRKL VANVRQVGDLYYNTGDVLALD QEGFFYFRDRLGDTFRWKGENVST REVEGVLSILDFLEEVNVYGVTPVPGCEGKVGMAAVK LAPGKTFDGQKLYQHVRSW LPAYATPHFIRIQDSLEITNTYKLVKSQLAREGFDVGVIAD PLYILDNKAETFRSLMPD

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	VYQAVCEGTWKL
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; 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 protein; VL
UniProt ID	Q9ES38