

Recombinant Full Length Rat Long-Chain Fatty Acid Transport Protein 1(Slc27A1) Protein, His-Tagged

Cat. No. RFL35353RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Long-chain fatty acid transport protein 1(Slc27a1) Protein (P97849) (1-646aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-646)
Form	Lyophilized powder
AA Sequence	MRTPGAGTASVASLGLLWLLGLPWTWSAAAAFGVYVGSGGWRFRLRIVCKTARRDL FGLSVLIRVRLELRRHRRAGDTIPRIFQAVAQRQPERLALVDASSGICWTFAQLDTYS NAVANLFLQLGFAPGDVVAVFLEGRPEFVGLWLGLAKAGVVAALLNVNLRREPLAF CLGTSAAKALIYGGEMAAVAEVSEQLGKSLLKFCSGDLGPESVLPDTQLLDPMLAE APTTPLAQAPGKGMDRLFYIYTS GTTGLPKAAIVVHSRYRIA AFGHHSYSMRAND VLYDCLPLYHSAGNIMGVGQCIYGLTVVLRKKFSASRFWDDCVKYNCTVVQYIGEIC RYLLRQPVRDVERRHRVRLAVGNGLRPAIWEEFTQGFGVRQIGEFYGATECNCSIA NMDGKVGSCGFNSRILTHVYPIRLVKVNEDTMEPLRDSQGLCIPCQPGEPGLLVGQI NQDPLRRFDGYVSDSATNKKIAHSVFRKGD SAYLSGDVLVMDELGYMYFRDRSG DTRWRGENVSTTEVEAVLSRLLGQTDVAVYGVAVPGVEGKSGMAAIADPHNQLD PNSMYQELQKVLASYAQPIFLRLLPQVDTTGTGFKIQKTRLQREGFDPRQTS DRLFFL DLKQGRYLPLDERVHARICAGDFSL

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Purity	Greater than 90% as determined by SDS-PAGE.
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Slc27a1
Synonyms	Slc27a1; Fatp; Fatp1; Long-chain fatty acid transport protein 1; FATP-1; Fatty acid transport protein 1; Fatty acid transport protein; Solute carrier family 27 member 1
UniProt ID	P97849

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