

Recombinant Full Length Rat Tricarboxylate Transport Protein, Mitochondrial(Slc25A1) Protein, His-Tagged

Cat. No. RFL2624RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Tricarboxylate transport protein, mitochondrial(Slc25a1) Protein (P32089) (14-311aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (14-311)
Form	Lyophilized powder
AA Sequence	APGSGKAKLTHPGKAILAGGLAGGIEICITFPTEYVKTQLQLDERANPPRYRGIGDCV RQ TVRSHGVLGLYRGLSSLLYGSIPKAAVRFGMFEFLSNHMRDAQGRDLSRRGLL CGLGAGV AEAVVVVCPMETVKVKFIHDQTSSNPKYRGFFHGVREIVREQGLKGTY QGLTATVLKQGS NQAIRFFVMTSLRNWYQGDNPKNPMNPLITGVFGAVAGAASVF GNTPLDVIKTRMQGLEA HKYRNTLDCGVQILKNEGPKAFYKGTVPRLGRVCLDVAIV FVIYDEVVKLLNKVWKTD
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.

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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	Slc25a1
Synonyms	Slc25a1; Slc20a3; Tricarboxylate transport protein, mitochondrial; Citrate transport protein; CTP; Solute carrier family 25 member 1; Tricarboxylate carrier protein
UniProt ID	P32089