Recombinant Full Length Rat Calcium-Binding Mitochondrial Carrier Protein Scamc-2(Slc25A25) Protein, His-Tagged

Cat. No. RFL933RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Calcium-binding mitochondrial carrier protein SCaMC-2(Slc25a25) Protein (Q8K3P6) (1-469aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-469)
Form	Lyophilized powder
AA Sequence	MLCLCLYVPIAGEAQTEFQYFESKGLPTELKSIFKLSVFIPSQEFSTYRQWKQKIVQA GD KDLDGQLDFEEFVHYLQDHEKKLRLVFKSLDKKNDGRIDAQEIMQSLRDLGVKIS EQQAE KILKSMDKNGTMTIDWNEWRDYHLLHPVENIPEIILYWKHSTIFDVGENLTV PDEFTVEE RQTGMWWRHLVAGGGAGAVSRTCTAPLDRLKVLMQVHASRSNNMCII GGFTQMIREGGAK SLWRGNGINVLKIAPESAIKFMAYEQMKRLVGSDQETLRIHERL VAGSLAGAIAQSSIYP MEVLKTRMALRKTGQYSGMLDCAKRILAKEGVAAFYKGYIP NMLGIIPYAGIDLAVYETL KNTWLQRYAVNSADPGVFVLLACGTISSTCGQLASYPLA LVRTRMQAQASIEGAPEVTMS SLFKQILRTEGAFGLYRGLAPNFMKVIPAVSISYVV YENLKITLGVQSR
Purity	Greater than 90% as determined by SDS-PAGE.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Slc25a25
Synonyms	Slc25a25; Mcsc; Pcscl; Scamc2; Calcium-binding mitochondrial carrier protein SCaMC-2; Mitochondrial ATP-Mg/Pi carrier protein; Peroxisomal Ca(2+-dependent solute carrier-like protein; Small calcium-binding mitochondrial carrier protein 2; Solute carrier f
UniProt ID	Q8K3P6

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