Recombinant Full Length Xenopus Tropicalis Calcium-Binding Mitochondrial Carrier Protein Scamc-1(Slc25A24) Protein, His-Tagged

Cat. No. RFL13916XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Xenopus tropicalis Calcium-binding mitochondrial carrier protein SCaMC-1(slc25a24) Protein (Q5XHA0) (1-473aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Xenopus tropicalis (Western clawed frog) (Silurana tropicalis)
Source	E.coli
ProteinLength	Full Length (1-473)
Form	Lyophilized powder
AA Sequence	MLEQVQKFLLSRAACEGPDPHTRYAELFHKLDVNKDGKVDIVELQEGLKAMGMAVG KGAE EKIVAAGDTNKDGHLDFGEFIRYLEEHEKKMKIAFTSLDKNKDGKIESAEIMNS LKTLGI NISLEHAEKILKSMDADGTLTVDWNEWRDHFLFNPADNIQQIIRYWKHSTVL DIGDSLTI PDEFTEEEKKTGQWWKQLLAGGMAGAVSRTGTAPLDRLKVMMQVHGS KGNANIITGLKQM VKEGGIRSLWRGNGVNVIKIAPETAMKFWAYEQYKKLFTSESGK LGTAERFIAGSLAGAT AQTSIYPMEVLKTRLAVGKTGQYSGMFDCAKKIMQREGVR AFYKGYIPNILGIIPYAGID LAIYETLKTFWLQNYATDSANPGVLVLLGCGTASSTCGQ LASYPLALIRTRMQAQASIEG APQLNMGGLFRKIVAKEGFFGLYRGIAPNFLKVLPAV SISYVVYEKMKIKLGI
Purity	Greater than 90% as determined by SDS-PAGE.

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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	slc25a24
Synonyms	slc25a24; scamc1; Calcium-binding mitochondrial carrier protein SCaMC-1; Small calcium-binding mitochondrial carrier protein 1; Solute carrier family 25 member 24
UniProt ID	Q5XHA0

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