

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

Cat. No. RFL20740DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Danio rerio Calcium-binding mitochondrial carrier protein SCaMC-1(slc25a24) Protein (Q66L49) (1-477aa), fused to N-terminal His tag, was expressed in E. coli.
Species	zebrafish
Source	E.coli
ProteinLength	Full Length (1-477)
Form	Lyophilized powder
AA Sequence	MHQLIRKFVFTESHCLLEEDNTKSFAELFEKLDVNDKGKVDVSELKTGLAAMGFSM GKGE AQKIVTSGDTDKDEGLDFEEFSKYLKEHEKKLRLTFKSLDKNEDGRVDAKEIQ QSLKDLG INLSDKDAEKILHSIDVDGMTLDWNEWREHFLFNPEDLQQIIRYWKKS TVLDIGDSLIT IPDEFTEEEKTTGMWWKQLAAGGVAGAVSRTGTAPLDRMKVFMQV HSSKTNKISLVNGFK QMIKEGGVASLWRGNGVNVIKIAPETAIKF MAYEQYKKLLSK DGGKVQSHERFMAGSLAG ATAQTAIYPMEVMKTRLTLRKTGQYSGMFDCAKKILR KEGVKAFYKGYVPNILGIIPYAG IDLAVYETLKNTWLSHYAKDTANPGVLVLLGCGTI SSTCGQLASYPLALIRTRMQAMASM EGSEQVSMSKLVKKIMQKEGFFGLYRGILPN FMKVIPAVSISYVVYEYMRSGLGISK
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°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	slc25a24
Synonyms	slc25a24; scamc1; si:ch211-63o20.9; zgc:92470; Calcium-binding mitochondrial carrier protein SCaMC-1; Small calcium-binding mitochondrial carrier protein 1; Solute carrier family 25 member 24
UniProt ID	Q66L49