

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

Cat. No. RFL3298BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bovine Calcium-binding mitochondrial carrier protein SCaMC-1(SLC25A24) Protein (A5PJZ1) (1-477aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bovine
Source	E.coli
ProteinLength	Full Length (1-477)
Form	Lyophilized powder
AA Sequence	MLRWLRG FVLPTAACQDVEPPTRYETLFQKLD RNGDGVVDISELQEG LKSLGIPLGQDAE EKIFTTGDVNKDGKLD FEEFMKY LKDHEKKMKLAFKSLDKNNDGKIEASEIVQSLQILGL TISEQQAELILQSIDADGTMTVDWNEW RDYFLFNPVTDIEE IIRFWKHSTGIDIGDSLTI PDEFTED EKKSGQWW RQLLAGGVAGAVSRTSTAPLDR LKVM MQVHGS KSAKMNIYGGFQQ MVKEGGIRSLWRGNGTNVIK IAPETAVKFWAYEQYKKLLTEEG QKIGT FERFVSGSMAGA TAQTFIYPMEVLKTRLAVGKTGQYSGMFDCAKKILKYEGMGA FYKGYVPNLLGIIPYAGI DLAVYELLKSHWLDNFAKDSVNP GVMVLLGCGALSS TCGQLASYPLALVRTRMQAQAMIE KSPQLNMVGLFRRILSKEGLPGLYRGITPNFMKVLPAVGISYVVYENMKQTLGVTQK
Purity	Greater than 90% as determined by SDS-PAGE.

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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	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	A5PJZ1

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