

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

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

SPECIFICATION

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| 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 | MLRWLRGFVLPTAACQDVEPPTRYETLFQKLDNRNGDGVVDISELQEGKSLGIPLG QDAE EKIFTTGDVKNKDGKLDFFEFMKYLDHEKKMKLAFKSLDKNNDGKIEASEIVQ SLQILGL TISEQQAELILQSIDADGTMTVDWNEWRDYFLFNPVTDIEEIIIRFWKHSTGI DIGDSLTI PDEFTEDEKKSGQWWRQLLAGGVAGAVSRTSTAPLDRLKVMQVHGS KSAKMNIYGGFQQ MVKEGGIRSLWRGNGTNVIKIAPETAVKFWAYEQYKLLTEEG QKIGTFERFVSGSMAGA TAQTFIYPMEVLKTRLAVGKTGQYSGMFDCAKKILKYEG MGAFYKGYVPNLLGIIPYAGI DLAVYELLKSHWLDNFAKDSVNPVGMVLLGCGALSS TCGQLASYPLALVRTRMQAQAMIE KSPQLNMVGLFRRILSKEGLPGLYRGITPNFM KVLPAVGISYVVYENMKQTLGVGTQK |
| 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 multiple 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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