

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

Cat. No. RFL16129HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Calcium-binding mitochondrial carrier protein SCaMC-2(SLC25A25) Protein (Q6KCM7) (1-469aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-469)
Form	Lyophilized powder
AA Sequence	MLCLCLYVPVIGEAQTEFQYFESKGLPAELKSIFKLSVFIPSQEFSTYRQWKQKIVQA GD KDLDGQLDFEEFVHYLQDHEKKLRLVFKSLDKKNDGRIDAQEIMQSLRDLGVKIS EQQAE KILKSMDKNGTMTIDWNEWRDYHLLHPVENIPEIILYWKHSTIFDVGENLTV PDEFTVEE RQTGMWWRHVLVAGGGAGAVSRTCTAPLDRLKVLMMQVHASRSNNMGI VGGFTQMIREGGAR SLWRGNGINVLKIAPESAIKFMAYEQIKRLVGSDQETLRIHER LVAGSLAGAIAQSSIYP MEVLKTRMALRKTGQYSGMLDCARRILAREGVAAFYKGY VPNMLGIIPYAGIDLAVYETL KNAWLQHYAVNSADPGVFVLLACGTMSSTCGQLASY PLALVRTRMQAQASIEGAPEVTMS SLFKHILRTEGAFGLYRGLAPNFMKVIPAVSISY VVYENLKITLGVQSR
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	SLC25A25
Synonyms	SLC25A25; APC3; KIAA1896; MCSC3; SCAMC2; UNQ549/PRO1106; Calcium-binding mitochondrial carrier protein SCaMC-2; Mitochondrial ATP-Mg/Pi carrier protein 3; Mitochondrial Ca(2+)-dependent solute carrier protein 3; Small calcium-binding mitochondrial carrier
UniProt ID	Q6KCM7

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