

Recombinant Full Length Mouse Calcium-Binding Mitochondrial Carrier Protein Aralar2(Slc25A13) Protein, His-Tagged

Cat. No. RFL23648MF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Mouse Calcium-binding mitochondrial carrier protein Aralar2(Slc25a13) Protein (Q9QXX4) (1-676aa), fused to N-terminal His tag, was expressed in E. coli.

Species Mus musculus

Source E.coli

ProteinLength Full Length (1-676)

Form Lyophilized powder

AA Sequence

MAAAKVALTKRADPAELKAIFLKYASIEKNGEFFMSPHDFVTRYLNIFGESQPNPKTV
 EL LSGVVDQTKDGLISFQEFVAFESVLCAPDALFMVAFQLFDKAGKGEVTFEDVKQI
 FGQTT IHQHIPFNWDSEFVQLHFGKERKRHLTYAEFTQFLLEIQLEHAKQAFVQRDN
 AKTGKVSA IDFRDIMVTIRPHVLTTPFVEECLVAAAGGTRSHQVSFSYFNGFNLLNN
 MELIRKIYSTL AGNRKDVEVTKEEFALAAQKFGQVTPMEVDILFQLADLYEPRGRMT
 LADIERIAPLEEGM LPFNLAEAQRQQKASGDAARPFLQLAESAYRFGLGSIAGAVG
 ATAVYPIDLVKTRMQNQ RSTGSFVGELMYKNSFDCFKKVLRYEGFFGLYRGLLPQL
 LGVAPEKAIKLTVNDVFRDKF MHKDGSVPLLAEIFAGGCAGGSQVIFTNPLEIVKIRL
 QVAGEITTGPRVSALSVVRDLGF FGIYKGAKACFLRDIPFSAIYFPCYAHVKASFANE
 DGQVSPGSLLLAGAIAGMPAASLVT PADVIKTRLQVAARAGQTTYNGVTDCFRKILR

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EEGPKALWKGVAARVFRSSPQFGVTLT YELLQRWFYVDFGGVKPVGSEPVPKSR
ITLPAPNPDHVGGYKLAVATFAGIENKFGLYLP LFKPSASTSKVTAGDS

Purity Greater than 90% as determined by 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 Slc25a13

Synonyms Slc25a13; Aralar2; Calcium-binding mitochondrial carrier protein Aralar2; Citrin; Mitochondrial aspartate glutamate carrier 2; Solute carrier family 25 member 13

UniProt ID [Q9QXX4](#)

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