

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

Cat. No. RFL12528MF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Macaca fascicularis Calcium-binding mitochondrial carrier protein Aralar2(SLC25A13) Protein (Q8HXW2) (1-674aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Macaca fascicularis
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length (1-674)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>MAAAKVALTKRADPAELRTIFLKYASIEKNGEFFTSPNDFVTRYLNIFGESQPNPKTV  EL LSGVADQTKDGLISFQEFVAFESVLCAPDALFMVAFQLFDKAGKGEVTFEDVKQ  VFGQTT IHQHIPFNWDSEFVQLHFGKERKRHLTYAEFTQFLLEIQLEHAKQAFVQRD  NASTGRVTA IDFRDIMVTIRPHVLTPEVEECLVAAAGGTTSHQVSFSYFNGFNSSLN  NMELTRKIYSTL AGNRKDVEVTKEEFVLAQKFGQVTPMEVDILFRLADLYEPRGR  MTLADIERIAPLEEGT LPFNLAEAQRQKASGDSARPVLLQVAESAYRFGGLGSVAGAV  GATAVYPIDLVKTRMQNQR STGSFVGYELMYKNSFDCFKKVLRYEGFFGLYRGLLPQ  LLGVAPEKAIKLTVNDVFVRDKFM HKDGSVPLAAEILAGGCAGGSQVIFTNPLEIVKIR  LQVAGEITTGPRVSALSVVRDLGFF GIYKGAKACFLRDIPFSAIYFPCYAHARASFAN  EDGQVSPGSLLLAGAIAGMPAASLVTP ADVIKTRLQVAARAGQTTYSGVIDCFKKILR</p>

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EEGPKALWKGAARVFRSSPQFGVTLITYE LLQRWFYIDFGGVKPMGSEPVPKSRIN  
LPAPNPDHVGGYKLAVATFAGIENKFGLYLPLF KPSVPTSEAIGGGP

**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; QfIA-10133; Calcium-binding mitochondrial carrier protein Aralar2; Citrin; Mitochondrial aspartate glutamate carrier 2; Solute carrier family 25 member 13

**UniProt ID** [Q8HXW2](#)

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