

Recombinant Full Length Drosophila Melanogaster Calcium-Binding Mitochondrial Carrier Protein Aralar1(Aralar1) Protein, His-Tagged

Cat. No. RFL4233DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Drosophila melanogaster Calcium-binding mitochondrial carrier protein Aralar1(aralar1) Protein (Q9VA73) (1-695aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Drosophila melanogaster (Fruit fly)
Source	E.coli
ProteinLength	Full Length (1-695)
Form	Lyophilized powder
AA Sequence	MPMHIPFPFNWIPTLPVARCQESPSLLK RAGTEKLREVFLKYASIQKNGEHYMTSED FVR KFLGLFSESASFNDESVRLLANIADTSKDGLISFSEFQAFEGLLCTPDALYRTAFQ LFDRK GNGTVSYADFADVQKTELHSKIPFSLDGPFIKRYFGDKKQRLINYAEFTQLL HDFHEEH AMEAFRSKDPAGTGFISPLDFQDIIVNVKRHLLTPGVRDNLVSVTEGHKV SFPYFIAFTS LLNNMELIKQVYLHATEGSRTDMITKDQILLAAQTMSQITPLEIDILFHL AGAVHQAGRI DYSDLSNIAPEHYTKHMT HRLAEIKAVESPADRSAFIQVLESSYRFTL GSFAGAVGATVV YPIDLVKTRMQNQRAGSYIGE VAYRNSWDCFKKVVRHEGFMGL YRGLLPQLMGVAPEKAI KLTVNDLVRDKLTDKKGNIPTWAEVLAGGCAGASQVVFT NPLEIVKIRLQVAGEIASGSK IRAWSVVRELGLFGLYKGARACLLRDVPFSAIYFPTY AHTKAMMADKDGYNHPLTLAAG AIAGVPAASLVTPADVIKTRLQVVARSGQTTYT

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GVWDATKKIMAEEGPRAFWKGTAARVF RSSPQFGVTLVTYELLQRLFYVDFGGTQ
 PKGSEAHKITTPLEQAAASVTTENVDHIGGYR AAVPLLAGVESKFGLYLPRFGRGVT
 AASPSTATGS

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 aralar1

Synonyms aralar1; CG2139; Calcium-binding mitochondrial carrier protein Aralar1

UniProt ID [Q9VA73](#)

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