

Recombinant Full Length Drosophila Melanogaster Putative Mitochondrial Inner Membrane Protein (Cg6455) Protein, His-Tagged

Cat. No. RFL31854DF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Drosophila melanogaster Putative mitochondrial inner membrane protein (CG6455) Protein (P91928) (1-739aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Drosophila melanogaster (Fruit fly)
Source	E.coli
ProteinLength	Full Length (1-739)
Form	Lyophilized powder
AA Sequence	MYRLAVRDQCKCALQRTLQOTTANNRQFGGSSSGSGGREQGRRQQEEQQQGD QGYQGYQ SLPPHMREAGFGKVLFVSPLAAVGGVITYAKYDDDFRKLVEKNVPGA GSVIKVALQEEP PFKGITKNVNDQIDKVKSGIETVTSTVDSVTSKVTGLFGGGSGDD KSKKSKVEPVKATPA EEKRPSKPSEVSKTEAKPVSKPAAAAAPAPAAKPKDNPLPR DVVELEKAIELSAQLAVKE YNVAIGVLKGFNDVVRKVVDKAVENGENSELWTTLKNRA SARDTAVATAERAAREAEKIV ACEIALSAAATAQNAKKVEAVRDKIKKLVDHIGNVK DELYRHKDTASVSDKYWRNVEKAR NYFIDEIESIFPGLSLADKKLNLKEDLDLFILH AYTHVLAYQKELQRLQTDGELRLKRA IDSVRGDNDSEALRAQLEYHLEAERRKLAV ENQKKIFHIHAESDKLLRLQLKKQAEAHAD HIKDIVAQRETDLTRSFKRELEDKLATE KANYKLQLAGMLGKLRGMDAALAERADAERTA NQAQALWAACQALWASVRAATP

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GVHYKDRLRPLKNEINAIKVAKGDDLVAAVLESVPKE AQERGVYPEDALRERFLNV
 ERVARRLALVPEEGAGLPYFLSYLQSLFILRPDNPISKDE LENKPFDYSLDITYDILN
 RARYHVDRSDFLQALKYMNLLQGASRKIAGEWMKEARLMLET QQAANTLMAHAAA
 SGLLYL

Purity Greater than 90% as determined by SDS-PAGE.

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 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 Mitofilin

Synonyms Mitofilin; CG6455; MICOS complex subunit Mic60

UniProt ID [P91928](#)

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