

Recombinant Full Length Probable Calcium-Binding Mitochondrial Carrier K02F3.2(K02F3.2) Protein, His-Tagged

Cat. No. RFL6073CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Probable calcium-binding mitochondrial carrier K02F3.2(K02F3.2) Protein (Q21153) (1-707aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Caenorhabditis elegans
Source	E.coli
ProteinLength	Full Length (1-707)
Form	Lyophilized powder
AA Sequence	MSFDHLLTSSKRRELLQNLGIGHGSDVFSTGLFRKAECNAETAISQRSIPRANPDHL RPI FDRFATKEIKGKKLMTPEDFIRGYLGLYTEENYNKETVRLLASAADTTKDGDISF EEFCA FEALLCSPDALYLTA FELFDRNASDTISCDEF EAVIRHTQPLHDQDFDFSSEF IKRYFGA DKQRNVNYHSFCQLLHDFYEEQGIQAFKRYDKNGNGTISSLDFQQIMTTV KGHLLTDFVR HNLI AVSGGASGHKVTFPYYAAFNSLLAKMELIKRVYVSTTRGNLDIE MTKEEFLHAIQS YTQVTPYEVEILFHLSELNHPGRKTLCLKDIQAIDPERLKRVSQMD RLINIKAVHHKDDR GVGTAFL ESAYRFL LGSVAGACGATAVYPIDLVKTRMQNQRTS GSFVGEVMYKNSLDCFK KVVKFEGLLGLYRGLLPQIVGVAPEKAIKLTMDYMRDK FTKDGKIPLYGEIIAGGTGGM CQVVFTNPLEIVKIRLQTAGEVQQAGKKIGVFTVLKE LGFLGLYKGSRACFLRDIPFSAI YFPAYAHAKLASADEDGMNSPGTLFASAFIAGVPA AGLVTPADV KTRLQVAARAGQTTY NGVIDCARKLIKEEGPMSLWKGTAAARVCRSS

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	PQFAVTLTTYEVLQRLFYVDFAGSRPTGS ELATTKTIQDESSTNPDHVGGYKLAAAT FSGIEHKFGLFLPKFETSK
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	K02F3.2
Synonyms	K02F3.2; Probable calcium-binding mitochondrial carrier K02F3.2
UniProt ID	Q21153