

Recombinant Full Length Danio Rerio Dynamin-Like 120 Kda Protein, Mitochondrial(Opa1) Protein, His-Tagged

Cat. No. RFL9186DF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Danio rerio Dynamin-like 120 kDa protein, mitochondrial(opa1) Protein (Q5U3A7) (194-966aa), fused to N-terminal His tag, was expressed in E. coli.

Species zebrafish

Source E.coli

ProteinLength Full Length of Mature Protein (194-966)

Form Lyophilized powder

AA Sequence

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APDVPPASAAMADSGDKQFKKSSDKEKVDQLQEELLRTQLKYQRMLERLEKENKEL
RKVV LQKDDKGIHQKVKKSLIDMYSEVLDILSDYDSNYNTQDHLPRVVVVGDQSA
GKTSVLEM IAQARIFPRGSGEMMTRSPVKVTLSEGP HHVAMFKDSSREFDLGKEED
LAALRHEIELRM RKS VKEGQTVSPETISLSVKGPGIQRMLVLDLPGVISTVTTGMAA
DTKETIFSISKAYMQ NPNAILCIQDGSVDAERSIVTDLVSQMDPQGKRTIFVLTKVDL
AEKNLASPSRIQQIVE GKLFPKALGYFAVVTGKGSPNESIDSIKDYEEFFQNSRLL
KDGMLKAHQVTTKNLSLA VSDCFWKMVRESVEQQADAFKASRFNLETWKNNYP
RLRELD RNELYEKAKNEILDEVIS LSQVTPKHVESILQKKLWERVSTHV IENIYLPAA
QTMNSGTFNTTVDIKLKQWTDKQLPH KALEVAWETLQEEFARFMAEYK GKDQDDIF
DKLKEAVKDES IKRHKWNERAMDSL RVIQH NALEDRSITDKPQWDAAIQFMEETLQ
SRLKDTESVIADMVGPDWKQRWMSWKNRTPEQHT RNETKNELERLLKLHEDHTA

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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

YLANDEVTTVRKNLEARGVEVDPVLIKDTWHQLFRRHFLQ KALLHCNLCRRGFYYY
 QRHFVDSELECNDVVLFWRIQRMLGITANTLRQQLTNTTEVRRLE KNVKEVLEDFGE
 DNEKKVQLITGRRVQLAEDLKKVREIQEKLEAFIEALHKEK

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 opa1

Synonyms opa1; zgc:92092; Dynamin-like 120 kDa protein, mitochondrial; Optic atrophy protein 1 homolog

UniProt ID [Q5U3A7](https://www.uniprot.org/entry/Q5U3A7)

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