

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

Cat. No. RFL3139OF Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Oncorhynchus masou Dynamin-like 120 kDa protein, mitochondrial(opa1) Protein (O93248) (201-971aa), fused to N-terminal His tag, was expressed in E. coli.

Species Oncorhynchus masou (Cherry salmon) (Masu salmon)

Source E.coli

ProteinLength Full Length (201-971)

Form Lyophilized powder

AA Sequence

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AATEAPVTATPEASDKQFKKSSDKEKVDQLQEELLRTQMKYQRMLERLEKENKDLR
KVVV QKDEKGIHQKIKKSLIDMYSEVLDILSDFDSNYNTQDHLPRVVVVGQDSAGK
TSVLEMI AQARIFPRGSGEMMTRSPVKVTLSEGP HHVAMFKDSSREFDLGKEEDLA
ALRHEIELRMR KSVKEGQTVSPETISLSVKGPGIQRMLVLDLPGVISTVTAGMAADT
KETIFSISKNYMQN PNAILCIQDGSVDAEADRHRPGQSNGPAGERTIFVLTKVDLAE
KNL ASPNRIQQIVEGK LFPMKALGYFAVVTGKGSAGESIDSIKDY EEDFFQNSRLLR
DGMLKAHQVTTKNLSLAVS DCFWKMVRESVEQQADAFKASRFNLET EWKNNYPR
LRELD RNELFEKAKNEILDEVISLS QVTPKHWEAILQKKLW ERVSTHVIENIYLPAAQT
MNSGTFNTTVDIKLKQWTDKQLPHKA LEVAVETLQEEFARFMAEYK GKDQDDIFDK
LKEAVKDES IKRHKWNERAMDSL RVIQHNA LEDRSITDKPQWDAAIQFMEETLQAR
LKDTDSVINDMVGPDWKQRWMSWKNRSPEQHTRN ETRNELERLLKLHEDHTAYL
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ANDEVTTVRKNLEGRGVEVDPALIKDTHQLYRRHFLQKA LQHCNLCRRGFYYYYQ
RHFVDSELECNDVVLFWRIQRMLLITANTLRQQLTNTTEVRRLEKN VKEVLEDFGED
NERKVHLITGRRVQLAEDLKKVREIQEKLEAFIEALHKEK

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; Dynamin-like 120 kDa protein, mitochondrial; 120 kDa G protein expressed in motor neurons; Optic atrophy protein 1 homolog; mG120

UniProt ID [O93248](https://www.uniprot.org/entry/O93248)

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