

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

Cat. No. RFL34073GF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length Chicken Dynamin-like 120 kDa protein, mitochondrial(OPA1) Protein (Q5F499) (212-977aa), fused to N-terminal His tag, was expressed in E. coli.

Species Chicken

Source E.coli

ProteinLength Full Length of Mature Protein (212-977)

Form Lyophilized powder

AA Sequence

ATDQGYDSKQYKKVSDKEKIDQLQEELLRTQLKYQRMLERLEKENKELRKLVLQR
 DDKG IHQRKLKSLIDMYSEVLDILSDYDASYNTQDHLPRVVVVGDQSAGKTSVLE
 MIAQARIF PRGSGEMMTRSPVKVTLSEGP HHVALFKDSSREFDLTKEEDLAALRNEI
 EIRMRNSVKEG CTVSTETISLSVRG PGLQRMVLDLPGVISTVTSGMAPDTKETIFSI
 SKAYMQNPNAIIL CIQDGSVDAERSIVTDLVSQMDPQGKRTIFVLTKVDLAEKNVASP
 SRIQQIIEGKLFPMK ALGYFAVVTGKGNSSIESIKEYEEFFQNSKLLKTSMLKAH
 QVTTKNLSLAVSDCFWK MVRESVEQQADAFKATRFNLETWKNYPRLRELD RNE
 LFEKAKNEILDEVISLTQVTPK HWEEILQKTLWERVSTHVIENIYLPAAQTMNSGTFN
 TTVDIKLKQWTDKQLPNKAVEVAW ETLQEEFSRFMTEQKGKEHDDIFDKLKQAVKE
 ESIKRHKWNERAEDSLRVIQHNALED RS ISDKQQWDAAIHFMEETLQSRLKDTESVI
 EDMVGPDWKKRWLYWISRTKEQNIRNETKNE LEKLIKCNEEHAAYLANDEVTTVRK

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NLEARGITVDPCLIKDTWHQIYRRYFLKTALNHCN LCRRGFYYYQRHFVDSELECND
IVLFWRIQRMLAITANTLRQQLTNTTEVRRLEKNVKEVL EDFAEDNEKKVKLLTGKRV
QLAEDLKKVREIQEKLEAFIEALHQEK

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; RCJMB04_1m16; Dynamin-like 120 kDa protein, mitochondrial; Optic atrophy protein 1 homolog

UniProt ID [Q5F499](https://www.uniprot.org/entry/Q5F499)

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