

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

Cat. No. RFL6000HF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human Dynamin-like 120 kDa protein, mitochondrial(OPA1) Protein (O60313) (195-960aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Human

Source

E.coli

ProteinLength

Full Length of Mature Protein (195-960)

Form

Lyophilized powder

AA Sequence

ATDRGSESDKHFRKVS DKEKIDQLQEELLHTQLKYQRILERLEKENKELRKLVLQKD
 DKG IHRKLLKSLIDMYSEVLDVLSDYDASYNTQDHLPRVVVVG DQSAGKTSVLEMI
 AQARIF PRGSGEMMTRSPVKVTLSEGP HHVALFKDSSREFDLTKEEDLAALRHEIEL
 RMRKNVKEG CTVSPETISLNVKGPGLQRMVLVDLPGVINTVTSGMAPDTKETIFSIS
 KAYMQNPNAIIL CIQDGSVDAERSIVTDLVSQMDPHGRRTIFVLTKVDLAEKNVASPS
 RIQQIIEGKLFPMK ALGYFAVVTGKGNSSSESIEAIREYEEFFQNSKLLKTSMLKAHQ
 VTTRNLSLAVSDCFWK MVRESVEQQADSFKATRFNLETWKNNYPRLRELD RNEL
 FEKAKNEILDEVISLSQVTPK HWEEILQQSLWERVSTHVIENIYLPAAQTMNSGTFNT
 TVDIKLKQWTDKQLPNKAVEVAW ETLQEEFSRFMTEPKGKEHDDIFDKLKEAVKEE
 SIKRHKW NDFAE DSLRVIQHNALED RS ISDKQQWDAAIYFMEEALQARLKDTENAIE
 NMVGPDWKRWLYWKNRTQEQC VHNKNE LEKMLKCNEEHPAYLASDEITTVR
 KNLESRGVEVDPSLIKDTWHQVYRRHFLKTALNHCN LCRRGFYYYYQRHFVDSELE

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

CNDVVLFWRIQRMLAITANTLRQQLTNTTEVRRLEKNVKEVL EDFAEDGEKKIKLLTG
KRVQLAEDLKKVREIQEKLDAFIEALHQEK

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 multiple 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; KIAA0567; Dynamin-like 120 kDa protein, mitochondrial; Optic atrophy protein 1

UniProt ID [O60313](https://www.uniprot.org/entry/O60313)

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