

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

Cat. No. RFL2438MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Dynamin-like 120 kDa protein, mitochondrial(Opa1) Protein (P58281) (195-960aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length of Mature Protein (195-960)
Form	Lyophilized powder
AA Sequence	ATDHGSESDKHRYKVS DKEKIDQLQEELLHTQLKYQRILERLEKENKELRKLVLQKD DKG IHHRKLKSLIDMYSEVL DVLSDYDASYNTQDHLPRVVVVG DQSAGKTSVLEMI AQARIF PRGSGEMMTRSPVKVTLSEGP HHVALFKDSSREFDLTKEEDLAALRHEIEL RMRKNVKEG CTVSPETISLNVKG PGLQRMVLVDLPGVINTVTSGMAPDTKETIFSIS KAYMQNPNAIIL CIQDGSVDAERSIVTDLVSQMDPHGRRTIFVLTKVDLAEKNVASPS RIQQIIEGKLFPMK ALGYFAVVTGKGNSSESIEAIREYEEFFQNSKLLKTSMLKAHQ VTTRNLSLAVSDCFWK MVRESVEQQADSFKATRFNLET EWKNYPRLRELD RNEL FEKAKNEILDEVISLSQVTPK HWEEILQQSLWERVSTHVIENIYLPAAQTMNSGTFNT TVDIKLKQWTDKQLPNKAVEVAW ETLQEEFSRFMTEPKGKEHDDIFDKLKEAVKEE SIKRHKW NDFAE DSLRVIQHNALED RS ISDKQQWDAAIYFMEEALQGRLKDTENAIE NMIGPDWKKRW MYWKNRTQE QCVHNETKNE LEKMLKVND EHPAYLASDEITTVR KNLESRGVEVDPSLIKDTWHQVYRRHFLKTALNHCN LCRRGFYYYQRHFIDSELEC

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	NDVVLFWRIQRMLAITANTLRQQLTNTTEVRRLEKNVKEVL EDFAEDGEKKVKLLTGK RVQLAEDLKKVREIQEKLDAFIEALHQEK
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 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; Large GTP-binding protein; LargeG; Optic atrophy protein 1 homolog
UniProt ID	P58281

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