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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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OPA1 monoclonal antibody (M05), clone 1C10

Catalog # : H00004976-M05

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant OPA1.

Immunogen: OPA1 (NP_056375, 851 a.a. ~ 960 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence: NHCNLCRRGFYYYQRHFVDSELECNDVWLFWRIQRMLAITANTLRQQLT
NTEVRRLEKNVKEVLEDFAEEDGEKKIKLLTGKRVQLAEDLKKVREIQEKL
DAFIEALHQEK

Host: Mouse

Reactivity: Human

Isotype: IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.

Storage Buffer: In 1x PBS, pH 7.4

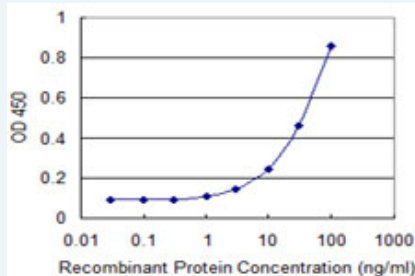
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)


Datasheet:  [Download](#)

Applications

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged OPA1 is 1 ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

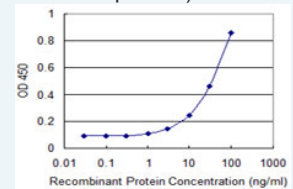
Gene Information


Entrez GeneID: [4976](#)

GeneBank Accession#: [NM_015560](#)

Application Image

Sandwich ELISA (Recombinant protein)



 [enlarge](#)

ELISA

**Protein
Accession#:** [NP_056375](#)

Gene Name: OPA1

Gene Alias: FLJ12460,KIAA0567,MGM1,NPG,NTG,largeG

**Gene
Description:** optic atrophy 1 (autosomal dominant)

Omim ID: [125250](#), [165500](#), [605290](#), [606657](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene product is a nuclear-encoded mitochondrial protein with similarity to dynamin-related GTPases. It is a component of the mitochondrial network. Mutations in this gene have been associated with optic atrophy type 1, which is a dominantly inherited optic neuropathy resulting in progressive loss of visual acuity, leading in many cases to legal blindness. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other
Designations:** OTTHUMP00000195065,mitochondrial dynamin-like GTPase,optic atrophy 1

Related Disease

[Genetic Predisposition to Disease](#) [Glaucoma](#) [Glaucoma](#) [Glaucoma, Open-Angle](#) [Leber hereditary optic neuropathy](#) [Low Tension Glaucoma](#) [Ocular Hypertension](#) [Optic Atrophies, Hereditary](#) [Optic Atrophy](#) [Optic Atrophy, Autosomal Dominant](#) [Optic Atrophy, Hereditary, Leber](#)

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