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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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OPA1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00004976-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

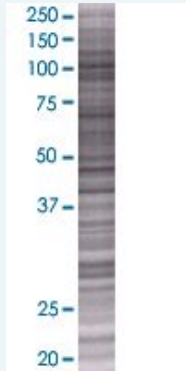
Plasmid: pCMV-OPA1 full-length

Host: Human

Theoretical MW (kDa): 111.6

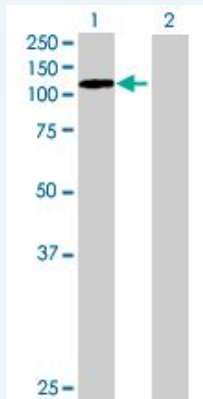
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-OPA1 antibody (H00004976-B01) by Western Blots.

SDS-PAGE Gel



OPA1 transfected lysate.

Western Blot



Lane 1: OPA1 transfected lysate (111.6 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [4976](#)

GeneBank Accession#: [NM_015560](#)

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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