

Optic Atrophy 1, Autosomal Dominant (OPA1) Recombinant Protein | OPA1 recombinant protein

Recombinant Optic Atrophy 1, Autosomal Dominant (OPA1)

CATALOG # AAA153609	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Optic Atrophy 1; Autosomal Dominant (OPA1); Recombinant Optic Atrophy 1; Autosomal Dominant; OPA1 recombinant protein (prokaryotic); Rat; MGM1; NPG; NTG; largeG; Dynamin-Like 120 kDa Protein; Mitochondrial; Optic atrophy protein 1; OPA1 recombinant protein

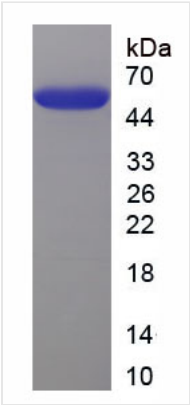
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Gln285~Glu561
Applicable Applications for OPA1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Rat
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	7.1
Subcellular Location	Membrane
Research Area	Neuro science
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

QDHLPRVVVVQDSAGKTSVLEMTAQARIFPRGSGEMTRSPVKVTLSEPHHVALFKDSSREFDLTKEEDLAALRHEIELRHKKVKE
EGCTVSPETISLNVKGPGLQRMVLVDLPQVINTVTSQHAPDTKETIFSESKAYVQNPNAIILCTQDGSVDAERSIVTDLVSQNDPHGR
RTIFVLTKVDLAEKINWASPSRIQIIEGLFPKALGYFAVVGKQSSSEIEATREYEEFFQNSKLLKTSPLKAHQVITRNLSLAV
SDCFHWNRRESVE

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for OPA1 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148747459
NCBI GeneID	171116
NCBI Accession #	NP_598269.3
NCBI GenBank Nucleotide #	NM_133585.3
UniProt Accession #	Q2TA68; O08681; Q5MPP1; Q5MPP2; Q5QJE9; Q6B435; Q6R611
Molecular Weight	111,307 Da
NCBI Official Full Name	dynamin-like 120 kDa protein, mitochondrial
NCBI Official Synonym Full Names	optic atrophy 1
NCBI Official Symbol	Opa1
NCBI Protein Information	dynamin-like 120 kDa protein, mitochondrial; RN protein; mitochondrial OPA1; optic atrophy 1 homolog; optic atrophy 1-like protein; optic atrophy protein 1 homolog; optic atrophy 1 (autosomal dominant)
UniProt Protein Name	Dynamin-like 120 kDa protein, mitochondrial
UniProt Gene Name	Opa1
UniProt Entry Name	OPA1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/opa1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153609>