

# Mitochondrial inner membrane protein OXA1 (OXA1), Recombinant Protein

Cat      *RP03622*

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## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Mitochondrial inner membrane protein OXA1 (OXA1), partial

## Product Gene Name

OXA1 recombinant protein

## Product Synonym Gene Name

OXA1

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

47,860 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

## Protein Family

Mitochondrial inner membrane protein

## NCBI Accession #

NP\_201011.1

## NCBI GI #

15241690

## NCBI GenBank Nucleotide #

NM\_125598.4

## NCBI GeneID

836325

## NCBI Official Full Name

inner membrane OXA1-like protein

## NCBI Official Symbol

OXA1

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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# Mitochondrial inner membrane protein OXA1 (OXA1), Recombinant Protein

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## NCBI Official Synonym Symbols

ARABIDOPSIS THALIANA HOMOLOG OF YEAST OXIDASE ASSEMBLY 1 (OXA1); ATOXA1; homolog of yeast oxidase assembly 1 (OXA1); HOMOLOG OF YEAST OXIDASE ASSEMBLY 1 (OXA1) IN ARABIDOPSIS THALIANA; MTG10.19; MTG10\_19; OXA1AT

## NCBI Protein Information

inner membrane OXA1-like protein

## NCBI Summary

essential factor for protein sorting and assembly into membranes

## UniProt Gene Name

OXA1

## UniProt Synonym Gene Names

ATOXA1; AtOXA1

## UniProt Protein Name

Mitochondrial inner membrane protein OXA1

## UniProt Synonym Protein Names

Oxidase assembly 1 protein; AtOXA1

## UniProt Primary Accession #

Q42191

## UniProt Secondary Accession #

Q42190

## UniProt Related Accession #

Q42191

## UniProt Comments

Required for the insertion of integral membrane proteins into the mitochondrial inner membrane. Essential for activity and assembly of cytochrome c oxidase.

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