

ADP,ATP carrier protein 1 (AAC1), Recombinant Protein

Cat *RP01191*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* ADP,ATP carrier protein 1, mitochondrial (AAC1)

Product Gene Name

AAC1 recombinant protein

Product Synonym Gene Name

ANT1

Purity

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

Sequence

TPGEKGFTNF ALDFLMGGVS AAVSKTAAAP IERVKLLIQN QDEMIKAGRL SEPYKGIGDC FGRTIKDEGF
GSLWRGNTAN VIRYFPTQAL NFAFKDYFKR LFNFKKDRDG YWKWFAGNLA SGGAAGASSL LRVYSLDYAR
TRLANDAKAA KGGGGGRQFD GLVDVYRCTL KTDGIAGLYR GFNISCVGII VYRGLYFGLY DSVKPVLLTG
DLQDSFFASF ALGWITNGA GLASYPIDTV RRRMMMTSGE AVKYKSSLDA FKQILKNEGA KSLFKGAGAN
ILRAVAGAGV LSGYDKLQLI VFGKKYGSGG A

Sequence Positions

71-381aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

41,476 Da

Storage

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

Protein Family

Leucine-rich repeat-containing protein

NCBI Accession

NP_187470.1

NCBI GI

15231937

NCBI GenBank Nucleotide

NM_111692.3

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GeneID

820005

NCBI Official Full Name

ADP,ATP carrier protein 1

NCBI Official Symbol

AAC1

NCBI Official Synonym Symbols

ADP/ATP carrier 1

NCBI Protein Information

ADP,ATP carrier protein 1

NCBI Summary

mitochondrial ADP/ATP carrier

UniProt Gene Name

AAC1

UniProt Synonym Gene Names

ANT1; ANT 1

UniProt Protein Name

ADP,ATP carrier protein 1, mitochondrial

UniProt Synonym Protein Names

ADP/ATP translocase 1; Adenine nucleotide translocator 1; ANT 1

UniProt Entry Name

ADT1_ARATH

UniProt Primary Accession

P31167

UniProt Secondary Accession

Q9M9K2

UniProt Related Accession

P31167

UniProt Comments

Catalyzes the exchange of ADP and ATP across the mitochondrial inner membrane.

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