

ADP,ATP carrier protein 2 (ANT2), Recombinant Protein

Cat *RP10368*

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

Species

Zea mays (Maize)

Full Product Name

Recombinant *Zea mays* ADP,ATP carrier protein 2, mitochondrial (ANT2)

Product Gene Name

ANT2 recombinant protein

Product Synonym Gene Name

ANT-G2

Purity

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

Sequence

APAEGKGKNF MIDFMMGGVS AAVSKTAAAP IERVKLLIQN QDEMIKSGRL SEPYKGIADC FKRTIKDEGF
SSLWRGNTAN VIRYFPTQAL NFAFKDYFKR LFNFKKDRDG YWKWFAGNLA SGGAAGASSL FFVYSLDYAR
TRLANDAKAA KGGGDRQFNG LVDVYRKTLL SDGIAGLYRG FNISCVGIIV YRGLYFGLYD SIKPVVLTGS
LQDNFFASFA LGWLITNGAG LASYPIDTVR RRRMMMTSGEA VKYKSSLDAF QQILKKEGPK SLFKGAGANI
LRAIAGAGVL SGYDQLQLIF FGKKYGSGGA

Sequence Positions

78-387aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

42,333 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.

NCBI Accession

NP_001105434.1

NCBI GI

193211364

NCBI GenBank Nucleotide

NM_001111964.1

NCBI GenID

542389

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP10368*

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

NCBI Official Full Name

ADP,ATP carrier protein 2, mitochondrial

NCBI Official Symbol

ANT2

NCBI Official Synonym Symbols

MANT2; GRMZM2G135186

NCBI Protein Information

ADP,ATP carrier protein 2, mitochondrial

UniProt Gene Name

ANT2

UniProt Synonym Gene Names

ANT-G2; ANT 2

UniProt Protein Name

ADP,ATP carrier protein 2, mitochondrial

UniProt Synonym Protein Names

ADP/ATP translocase 2; Adenine nucleotide translocator 2; ANT 2

UniProt Entry Name

ADT2_MAIZE

UniProt Primary Accession

P12857

UniProt Related Accession

P12857

UniProt Comments

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

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