

ADP,ATP carrier protein (ANT), Recombinant Protein

Cat *RP15287*

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

Species

Solanum tuberosum (Potato)

Full Product Name

Recombinant Solanum tuberosum ADP,ATP carrier protein, mitochondrial (ANT)

Product Gene Name

ANT recombinant protein

Purity

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

Sequence

PQEKGFAAFA TDFLMGGVSA AVSKTAAAPI ERVKLLIQNQ DEMLKAGRLS EPYKGIGECF GRTIKEEGFG
SLWRGNTANV IRYFPTQALN FAFKDYFKRL FNFKKDRDGY WKWFAGNLAS GGAAGASSLF FVYSLDYART
RLANDRKASK KGGERQFNGL VDVYKKTLS DGIAGLYRGF NISCVGIIVY RGLYFGMYDS LKPVLLTGNL
QDSFFASFG L GWLITNGAGL ASYPIDTVRR RMMMTSGEAV KYKSSLDAFS QIVKNEGPKS LFKGAGANIL
RAVAGAGVLA GYDKLQVLVL GKKFGSGGA

Sequence Positions

78-386aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

42,058 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

Antirepressor protein

NCBI Accession

P25083.1

NCBI GI

113457

NCBI Official Full Name

ADP,ATP carrier protein, mitochondrial

UniProt Gene Name

ANT

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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UniProt Synonym Gene Names

ANT

UniProt Protein Name

ADP,ATP carrier protein, mitochondrial

UniProt Synonym Protein Names

ADP/ATP translocase; Adenine nucleotide translocator; ANT

UniProt Entry Name

ADT1_SOLTU

UniProt Primary Accession

P25083

UniProt Comments

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

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