

Probable envelope ADP,ATP carrier protein, chloroplastic (EAAC) (AT3G51870), Recombinant Protein

Cat RP00050

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Probable envelope ADP,ATP carrier protein, chloroplastic (EAAC)

Product Synonym Names

Recombinant Probable envelope ADP,ATP carrier protein, chloroplastic (EAAC); Probable envelope ADP,ATP carrier protein, chloroplastic; Envelope ADP/ATP translocase

Product Gene Name

AT3G51870 recombinant protein

Product Synonym Gene Name

EAAC

Purity

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

Sequence

AKSGAEQFRR RVLRNPARGD FGLGRFACIS LVEKCEQREF APTTAQLLNN PLAILALVPK DAAIFAAGAL
AGAAAKTVTA PLDRIKLLMQ THGIRLGQQS AKKAIGFIEA ITLIAKEEGV KGYWKGNLQP VIRVLPYSAV
QLLAYESYKN LFKGKDDQLS VIGRLAAGAC AGMTSTLLTY PLDVLRLRLA VEPGYRTMSQ VALSMLRDEG
IASFY YGLGP SLVGIAPYIA VNFCIFDLVK KSLPEEYRKK AQSSLLTAVL SAGIATLT CY PLDTVRRQMQ
MRGTPYKSIP EAFAGIIDRD GLIGLYRGFL PNALKTL PNS SIRLTTFDMV KRLIATSEKQ LQKISDDNRN RDQAQ

Sequence Positions

27-381

Chromosome Location

Chromosome: 3; NC_003074.8 (19243950..19246936). Location: chromosome: 3

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

41,718 Da

Storage

Store at -20°C. For extended storage, store at -20 or -80°C.

NCBI Accession

NP_190755.2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Probable envelope ADP,ATP carrier protein, chloroplastic (EAAC) (AT3G51870), Recombinant Protein

Cat RP00050

NCBI GI

186510948

NCBI GenBank Nucleotide

NM_115046.5

NCBI GeneID

824350

NCBI Official Full Name

putative envelope ADP,ATP carrier protein

NCBI Official Symbol

AT3G51870

NCBI Protein Information

putative envelope ADP,ATP carrier protein

UniProt Gene Name

EAAC

UniProt Protein Name

Probable envelope ADP,ATP carrier protein, chloroplastic

UniProt Synonym Protein Names

Envelope ADP/ATP translocase

UniProt Entry Name

EAAC_ARATH

UniProt Primary Accession

O65023

UniProt Secondary Accession

Q0WNR4

UniProt Related Accession

O65023

UniProt Comments

Function: Transports adenine nucleotides By similarity.Subcellular location: Plastid › chloroplast membrane; Multi-pass membrane protein. Sequence similarities: Belongs to the mitochondrial carrier (TC 2.A.29) family. Contains 3 Solcar repeats.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY