Calcium-transporting ATPase 2, plasma membrane-type (Os03g0616400, LOC_Os03g42020), Recombinant Protein



Cat RP14688

Size 0.05 mg (Mammalian-Cell)/ 0.1 mg (Mammalian-Cell)

Species

Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica Calcium-transporting ATPase 2, plasma membrane-type (Os03g0616400, LOC_Os03g42020), partial

Product Gene Name

Os03g0616400 recombinant protein

Product Synonym Gene Name

Os03g0616400; LOC_Os03g42020

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

111,729 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

Calcium-transporting ATPase

NCBI Accession #

Q6ATV4.1

NCBI GI#

75323069

NCBI GenelD

4333450

NCBI Official Full Name

Calcium-transporting ATPase 3, plasma membrane-type

NCBI Official Symbol

LOC4333450

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967 E-mail: info@cd-biosci.com
Tel: 1-631-637-0420 https://www.cd-biosciences.com/plant-protein/

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NCBI Official Synonym Symbols

OJ1285 H07.3

NCBI Protein Information

calcium-transporting ATPase 2, plasma membrane-type

UniProt Gene Name

ACA3

UniProt Synonym Gene Names

OsACA3

UniProt Protein Name

Calcium-transporting ATPase 3, plasma membrane-type

UniProt Synonym Protein Names

Ca(2+)-ATPase isoform 3Curated

UniProt Primary Accession #

Q6ATV4

UniProt Secondary Accession #

Q10GR4; A0A0P0W069

UniProt Related Accession #

Q6ATV4

UniProt Comments

This magnesium-dependent enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol out of the cell, into the endoplasmic reticulum, or into organelles.

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