

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 GenID

4333450

NCBI Official Full Name

Calcium-transporting ATPase 3, plasma membrane-type

NCBI Official Symbol

LOC4333450

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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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