

Vacuolar iron transporter 1.2 (VIT1.2), Recombinant Protein

Cat *RP13638*

Species

Oryza sativa subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Vacuolar iron transporter 1.2 (VIT1.2), partial

Product Gene Name

VIT1.2 recombinant protein

Product Synonym Gene Name

VIT1.2

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

26,161 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

Vacuolar iron transporter

NCBI Accession

XP_015610875.1

NCBI GI

1002294885

NCBI GenBank Nucleotide

XM_015755389.1

NCBI GeneID

4346978

NCBI Official Full Name

vacuolar iron transporter 1.2

NCBI Official Symbol

LOC4346978

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Vacuolar iron transporter 1.2 (VIT1.2), Recombinant Protein

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VIT1.2; OsVIT1.2; OsJ_29262; OJ1655_B12.5

NCBI Protein Information

vacuolar iron transporter 1.2

UniProt Gene Name

VIT1.2

UniProt Synonym Gene Names

OsVIT1.2

UniProt Protein Name

Vacuolar iron transporter 1.2

UniProt Primary Accession

Q6ERE5

UniProt Secondary Accession

A3BYK3

UniProt Related Accession

Q6ERE5

UniProt Comments

Probable vacuolar iron transporter that may be involved in the transfer of iron from the cytosol to the vacuole for intracellular iron storage.

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