

L-arabinokinase (ARA1), Recombinant Protein

Cat *RP01276*

Size *1 mg (E-Coli)/ 1 mg (Yeast)*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* L-arabinokinase (ARA1) , partial

Product Gene Name

ARA1 recombinant protein

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

114,261 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

L-arabinokinase

NCBI Accession

NP_193348.1

NCBI GI

15234819

NCBI GenBank Nucleotide

NM_117706.3

NCBI GeneID

827299

NCBI Official Full Name

arabinose kinase

NCBI Official Symbol

ARA1

NCBI Official Synonym Symbols

arabinose kinase; ARABINOSE KINASE; ATISA1; DL4105W; FCAALL.288; ISA1

NCBI Protein Information

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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arabinose kinase

NCBI Summary

Similar to galactokinase.

UniProt Gene Name

ARA1

UniProt Synonym Gene Names

ISA1; AtISA1

UniProt Protein Name

L-arabinokinase

UniProt Primary Accession

O23461

UniProt Secondary Accession

O23723; Q0WLW4; B9DI14

UniProt Related Accession

O23461

UniProt Comments

Arabinose kinase. Involved in the salvage pathway which converts free L-arabinose to UDP-L-arabinose. May play a role in arabinose transport.

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