

Probable bifunctional methylthioribulose-1-phosphate dehydratase/enolase-phosphatase E1 (At5g53850), Recombinant Protein

Cat *RP09648*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Probable bifunctional methylthioribulose-1-phosphate dehydratase/enolase-phosphatase E1 (At5g53850) , partial

Product Gene Name

At5g53850 recombinant protein

Product Synonym Gene Name

At5g53850

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

56,521 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.

NCBI Accession

NP_974931.1

NCBI GI

42573670

NCBI GenBank Nucleotide

NM_203202.3

NCBI GeneID

835466

NCBI Official Full Name

haloacid dehalogenase-like hydrolase family protein

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Probable bifunctional methylthioribulose-1-phosphate dehydratase/enolase-phosphatase E1 (At5g53850), Recombinant Protein

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NCBI Official Symbol

AT5G53850

NCBI Official Synonym Symbols

DEHYDRATASE-ENOLASE-PHOSPHATASE-COMPLEX 1; DEP1; K19P17.1; K19P17_1

NCBI Protein Information

haloacid dehalogenase-like hydrolase family protein

NCBI Summary

Encodes a trifunctional dehydratase / enolase / phosphatase involved in the methionine salvage.

UniProt Gene Name

At5g53850

UniProt Synonym Gene Names

MTRu-1-P dehydratase

UniProt Protein Name

Probable bifunctional methylthioribulose-1-phosphate dehydratase/enolase-phosphatase E1

UniProt Synonym Protein Names

2,3-diketo-5-methylthio-1-phosphopentane phosphatase

UniProt Primary Accession

Q9FN41

UniProt Secondary Accession

Q0WP93

UniProt Related Accession

Q9FN41

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