

D-3-phosphoglycerate dehydrogenase, chloroplastic (At1g17745), Recombinant Protein

Cat RP09826

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana D-3-phosphoglycerate dehydrogenase, chloroplastic (At1g17745) , partial

Product Gene Name

At1g17745 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

69,734 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_001031061.2

NCBI GI

334182659

NCBI GenBank Nucleotide

NM_001035984.2

NCBI GeneID

838352

NCBI Official Full Name

D-3-phosphoglycerate dehydrogenase

NCBI Official Symbol

PGDH

NCBI Official Synonym Symbols

3-phosphoglycerate dehydrogenase; PGDH2; phosphoglycerate dehydrogenase 2

NCBI Protein Information

D-3-phosphoglycerate dehydrogenase

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

D-3-phosphoglycerate dehydrogenase, chloroplastic (At1g17745), Recombinant Protein

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NCBI Summary

encodes a 3-Phosphoglycerate dehydrogenase

UniProt Gene Name

PGDH2

UniProt Synonym Gene Names

3-PGDH; PGDH; PGDH

UniProt Protein Name

D-3-phosphoglycerate dehydrogenase 2, chloroplastic

UniProt Primary Accession

O04130

UniProt Secondary Accession

F4I918

UniProt Related Accession

O04130

UniProt Comments

Involved in the plastidial phosphorylated pathway of serine biosynthesis (PPSB).

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