

Dynamin-2B (DRP2B), Recombinant Protein

Cat *RP05298*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Dynamin-2B (DRP2B) , partial

Product Gene Name

DRP2B recombinant protein

Product Synonym Gene Name

DRP2B

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

100,228 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

Dynamin

NCBI Accession

NP_176170.1

NCBI GI

15218837

NCBI GenBank Nucleotide

NM_104654.5

NCBI GeneID

842251

NCBI Official Full Name

dynamin-like 3

NCBI Official Symbol

DL3

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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ADL3; CF1; DRP2B; Dynamin related protein 2B; dynamin-like 3; DYNAMIN-LIKE 3; T30E16.17; T30E16_17

NCBI Protein Information

dynamin-like 3

NCBI Summary

A high molecular weight GTPase whose GTP-binding domain shows a low homology to those of other plant dynamin-like proteins. Contains a pleckstrin homologous domain. DRP2B and DRP1A participate together in clathrin-coated vesicle formation during endocytosis.

UniProt Gene Name

DRP2B

UniProt Synonym Gene Names

ADL3; CF1

UniProt Protein Name

Dynamin-2B

UniProt Synonym Protein Names

Dynamin-like protein 3; Dynamin-related protein 2B

UniProt Primary Accession

Q9LQ55

UniProt Secondary Accession

Q9SLT3; Q9SLT4; Q9SXX3

UniProt Related Accession

Q9LQ55

UniProt Comments

Putative microtubule-associated force-producing protein, able to bind and hydrolyze GTP.

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