

Non-specific lipid-transfer protein 10 (LTP10), Recombinant Protein

Cat RP05418

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg

Species (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Non-specific lipid-transfer protein 10 (LTP10)

Product Gene Name

LTP10 recombinant protein

Product Synonym Gene Name

LTP10

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

AISCNAVQAN LYPCVVYVVQ GGAIPYSCCN GIRMLSKQAT SASDKQGVCR CIKSVVGRVS YSSIYLKAA
ALPGKCGVKL PYKIDPSTNC NSIK

Sequence Positions

23-116, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

12,326 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

Non-specific lipid-transfer protein

NCBI Accession

NP_195807.1

NCBI GI

15241086

NCBI GenBank Nucleotide

NM_120265.6

NCBI GeneID

831705

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP05418*

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg

(Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg

NCBI Official Full Name

(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein

NCBI Official Symbol

AT5G01870

NCBI Official Synonym Symbols

T20L15.140; T20L15_140

NCBI Protein Information

Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein

NCBI Summary

Predicted to encode a PR (pathogenesis-related) protein. Belongs to the lipid transfer protein (PR-14) family with the following members: At2g38540/LTP1, At2g38530/LTP2, At5g59320/LTP3, At5g59310/LTP4, At3g51600/LTP5, At3g08770/LTP6, At2g15050/LTP7, At2g18370/LTP8, At2g15325/LTP9, At5g01870/LTP10, At4g33355/LTP11, At3g51590/LTP12, At5g44265/LTP13, At5g62065/LTP14, At4g08530/LTP15.

UniProt Gene Name

LTP10

UniProt Synonym Gene Names

LTP 10

UniProt Protein Name

Non-specific lipid-transfer protein 10

UniProt Primary Accession

Q9LZV9

UniProt Related Accession

Q9LZV9

UniProt Comments

Plant non-specific lipid-transfer proteins transfer phospholipids as well as galactolipids across membranes. May play a role in wax or cutin deposition in the cell walls of expanding epidermal cells and certain secretory tissues .

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