

EPIDERMAL PATTERNING FACTOR-like protein 1 (EPFL1), Recombinant Protein

Cat *RP05145*

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-
Arabidopsis thaliana (Mouse-ear cress)
Cell)

Full Product Name

Recombinant Arabidopsis thaliana EPIDERMAL PATTERNING FACTOR-like protein 1 (EPFL1)

Product Gene Name

EPFL1 recombinant protein

Product Synonym Gene Name

EPFL1

Purity

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

Sequence

FLQPIQPPIS PQVALIEDKA RLGSTPPSCH NRCNNCHPCM AIQVPTLPTR SRFTRVNPFS GGFVRPPSSL
TTVLDQYSNY KPMGWKCHCN GHFYNP

Sequence Positions

27-122, 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

13,652 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

EPIDERMAL PATTERNING FACTOR-like protein

NCBI Accession

NP_196593.1

NCBI GI

15238119

NCBI GenBank Nucleotide

NM_121069.4

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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

830895 (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg

(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-

Cell)

EPIDERMAL PATTERNING FACTOR-like protein

NCBI Official Symbol

AT5G10310

NCBI Official Synonym Symbols

F18D22.80; F18D22_80

NCBI Protein Information

EPIDERMAL PATTERNING FACTOR-like protein

UniProt Gene Name

EPFL1

UniProt Synonym Gene Names

EPF-like protein 1

UniProt Protein Name

EPIDERMAL PATTERNING FACTOR-like protein 1

UniProt Primary Accession

Q9LFT5

UniProt Related Accession

Q9LFT5

UniProt Comments

Controls stomatal patterning.

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