

Squamosa promoter-binding-like protein 1 (SPL1), Recombinant Protein

Cat RP02031

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Squamosa promoter-binding-like protein 1 (SPL1) , partial

Product Gene Name

SPL1 recombinant protein

Product Synonym Gene Name

SPL1

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

98,460 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

Squamosa promoter-binding-like protein

NCBI Accession

NP_850468.1

NCBI GI

30690591

NCBI GenBank Nucleotide

NM_180137.3

NCBI GeneID

819321

NCBI Official Full Name

squamosa promoter binding protein-like 1

NCBI Official Symbol

SPL1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Squamosa promoter-binding-like protein 1 (SPL1), Recombinant Protein

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NCBI Official Synonym Symbols

F14M4.10; squamosa promoter binding protein-like 1; SQUAMOSA PROMOTER BINDING PROTEIN-LIKE 1

NCBI Protein Information

squamosa promoter binding protein-like 1

NCBI Summary

member of SPL gene family, encodes DNA binding proteins and putative transcription factors. All have the SBP-box, which encodes the SBP-domain, required for and sufficient for interaction with DNA.

UniProt Gene Name

SPL1

UniProt Protein Name

Squamosa promoter-binding-like protein 1

UniProt Primary Accession

Q9SMX9

UniProt Secondary Accession

O80717; O80718; O82651; Q0WLD6

UniProt Related Accession

Q9SMX9

UniProt Comments

Trans-acting factor that binds specifically to the consensus nucleotide sequence 5'-TNCGTACAA-3' of AP1 promoter. Binds specifically to the 5'-GTAC-3' core sequence.

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