

Scarecrow-like protein 23 (SCL23), Recombinant Protein

Cat *RP04622*

Size 0.02 mg (*E-Coli*)/ 0.02 mg (*Yeast*)/ 0.1 mg (*E-Coli*)/ 0.1 mg
(*Yeast*)/ 0.02 mg (*Baculovirus*)/ 0.02 mg (*Mammalian-Cell*)/ 0.1

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

Full Product Name

Recombinant *Arabidopsis thaliana* Scarecrow-like protein 23 (SCL23)

Product Gene Name

SCL23 recombinant protein

Product Synonym Gene Name

SCL23

Purity

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

Sequence

MTTKRIDRDL PSSDDPSSAK RRIEFPEETL ENDGAAIKL LSLLLQCAEY VATDHLREAS TLLSEISEIC
SPFGSSPERV VAYFAQALQT RVISSYLGA CSPLSEKPLT VVQSQKIFSA LQTYNSVSPL IKFSHFTANQ
AIFQALDGED SVHIIDLDVM QGLQWPALFH ILASRPRKLR SIRITGFGSS SDLLASTGRR LADFASLNL
PFEFHPIEGI IGNLIDPSQL ATRQGEAVVV HWMQHRLYDV TGNLETLEI LRRLKPNLIT VVEQELSYDD
GGSFLGRFVE ALHYYSALFD ALGDGLGEES GERFTVEQIV LGTEIRNIVA HGGRRKRMK WKEELSRVGF
RPVSLRGNPA TQAGLLLGML PWNGYTLVEE NGTLRLGWKD LSLLTASAWK SQPFD

Sequence Positions

1-405, 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

44,893 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

Scarecrow-like protein

NCBI Accession

NP_199007.1

NCBI GI

15238234

NCBI GenBank Nucleotide

NM_123557.4

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)

NCBI GeneID

834197

NCBI Official Full Name

GRAS family transcription factor

NCBI Official Symbol

AT5G41920

NCBI Official Synonym Symbols

AtSCL23; MJC20.2; MJC20_2; SCARECROW-LIKE 23; SCL23

NCBI Protein Information

GRAS family transcription factor

NCBI Summary

Encodes a GRAS family transcription factor that is involved in bundle sheath cell fate specification.

UniProt Gene Name

SCL23

UniProt Synonym Gene Names

AtSCL23; AtGRAS-28

UniProt Protein Name

Scarecrow-like protein 23

UniProt Synonym Protein Names

GRAS family protein 28; AtGRAS-28

UniProt Primary Accession

Q9FHZ1

UniProt Related Accession

Q9FHZ1

UniProt Comments

Probable transcription factor involved in plant development.

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