

Scarecrow-like protein 22 (SCL22), Recombinant Protein

Cat *RP05166*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Scarecrow-like protein 22 (SCL22) , partial

Product Gene Name

SCL22 recombinant protein

Product Synonym Gene Name

SCL22

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

68,090 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_191622.1

NCBI GI

15232385

NCBI GenBank Nucleotide

NM_115927.5

NCBI GeneID

825234

NCBI Official Full Name

GRAS family transcription factor

NCBI Official Symbol

HAM2

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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ARABIDOPSIS THALIANA HAIRY MERISTEM 2; ATHAM2; HAIRY MERISTEM 2; LOM2; LOST MERISTEMS 2

NCBI Protein Information

GRAS family transcription factor

NCBI Summary

Belongs to one of the LOM (LOST MERISTEMS) genes: AT2G45160 (LOM1), AT3G60630 (LOM2) and AT4G00150 (LOM3). LOM1 and LOM2 promote cell differentiation at the periphery of shoot meristems and help to maintain their polar organization.

UniProt Gene Name

SCL22

UniProt Synonym Gene Names

AtSCL22; AtGRAS-21

UniProt Protein Name

Scarecrow-like protein 22

UniProt Synonym Protein Names

GRAS family protein 21; AtGRAS-21; SCL6-III

UniProt Primary Accession

Q9M000

UniProt Secondary Accession

B2CV30; B2CV32

UniProt Related Accession

Q9M000

UniProt Comments

Probable transcription factor involved in plant development.

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