

Protein SCAR3 (SCAR3), Recombinant Protein

Cat *RP05383*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Protein SCAR3 (SCAR3) , partial

Product Gene Name

SCAR3 recombinant protein

Product Synonym Gene Name

SCAR3

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

113,030 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

Protein

NCBI Accession

NP_174212.2

NCBI GI

79355351

NCBI GenBank Nucleotide

NM_102658.3

NCBI GeneID

839791

NCBI Official Full Name

SCAR family protein

NCBI Official Symbol

WAVE2

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP05383*

ATSCAR3; F28N24.14; F28N24_14; SCAR3; WASP (WISKOTT-ALDRICH SYNDROME PROTEIN)-FAMILY
VERPROLIN HOMOLOGOUS PROTEIN 2

NCBI Protein Information

SCAR family protein

NCBI Summary

Encodes a member of the SCAR family. These proteins are part of a complex (WAVE) complex. The SCAR subunit activates the ARP2/3 complex which in turn act as a nucleator for actin filaments.

UniProt Gene Name

SCAR3

UniProt Synonym Gene Names

AtSCAR3

UniProt Protein Name

Protein SCAR3

UniProt Synonym Protein Names

Protein WAVE2

UniProt Primary Accession

Q9LP46

UniProt Related Accession

Q9LP46

UniProt Comments

Involved in regulation of actin and microtubule organization. Part of a WAVE complex that activates the Arp2/3 complex. Regulates trichome branch positioning and expansion.

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