

Protein SUPPRESSOR OF NIM1 1 (SON1), Recombinant Protein

Cat *RP01999*

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 Protein SUPPRESSOR OF NIM1 1 (SON1)

Product Gene Name

SON1 recombinant protein

Product Synonym Gene Name

SON1

Purity

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

Sequence

MALPWELEED ILSRLPPISL VRFRTVSKHW NSLFNDKTFI NNHLRSRPE FIILTNSKIY SVDIIDHNNI
DPTIRLHEIP TYDIHSRGTD LNRTIINTCD EFLFYNYRYW DNMTALWNPW LRQVRWIEYA NQEFQVFGGLG
YDNSRPEKVY KILGHLFCHG KVL RDQKVVI YECASDSLRF IDRPEDDDWP ITETAKRSNV SLNGNLYWFG
CSNYENDEYY IRIFDFSTED FKPFCLLPQC MSHSTDELVL AVYKGDRFSL LKQCSVTREI GVWVTKERIS
NDNGNGGEGV EWLKMLTSLK PNL PKLFGTV SYFIYGKTLY MCNGDDETAL ACIYIVREDV CKKFQIGSGN
INCRHCVYTP NLLSLPLFIG

Sequence Positions

1-370, 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

43,322 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 SUPPRESSOR OF NIM1

NCBI Accession

NP_179323.1

NCBI GI

15227809

NCBI GenBank Nucleotide

NM_127286.2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

NCBI GeneID

816238

NCBI Official Full Name

F-box and associated interaction domains-containing protein

NCBI Official Symbol

SON1

NCBI Official Synonym Symbols

F5J6.7; F5J6_7; SUPPRESSOR OF NIM1-1 1

NCBI Protein Information

F-box and associated interaction domains-containing protein

NCBI Summary

Encodes an F-Box protein that regulates a novel induced defense response independent of both salicylic acid and systemic acquired resistance

UniProt Gene Name

SON1

UniProt Protein Name

Protein SUPPRESSOR OF NIM1 1

UniProt Primary Accession

Q8LL17

UniProt Related Accession

Q8LL17

UniProt Comments

Regulates negatively a plant defense signaling pathway which is independent of salicylic acid (SA) and systemic acquired resistance (SAR). Confers sensitivity to *P.syringae* and *P.parasitica*.

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