

CASP-like protein SDM1_55t00014 (SDM1_55t00014), Recombinant Protein

Cat *RP15866*

Species

Solanum demissum (Wild potato)

Full Product Name

Recombinant Solanum demissum CASP-like protein SDM1_55t00014 (SDM1_55t00014), partial

Product Gene Name

SDM1_55t00014 recombinant protein

Product Synonym Gene Name

SDM1_55t00014

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

19,784 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.

NCBI Accession

Q60D27.1

NCBI GI

75113631

NCBI Official Full Name

Casparian strip membrane protein 1

UniProt Gene Name

SDM1_55t00014

UniProt Synonym Gene Names

SdCASP1

UniProt Protein Name

Casparian strip membrane protein 1

UniProt Primary Accession

Q60D27

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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UniProt Comments

Regulates membrane-cell wall junctions and localized cell wall deposition. Required for establishment of the Casparian strip membrane domain (CSD) and the subsequent formation of Casparian strips, a cell wall modification of the root endodermis that determines an apoplastic barrier between the intraorganismal apoplasm and the extraorganismal apoplasm and prevents lateral diffusion .

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