

CASP-like protein 1 (LOC100500346), Recombinant Protein

Cat *RP18468*

Species

Glycine max (Soybean) (Glycine hispida)

Full Product Name

Recombinant Glycine max CASP-like protein 1, partial

Product Gene Name

LOC100500346 recombinant protein

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

19,872 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

CASP-like protein

NCBI Accession

NP_001236648.1

NCBI GI

351727415

NCBI GenBank Nucleotide

NM_001249719.2

NCBI GeneID

100500346

NCBI Official Full Name

CASP-like protein 7

NCBI Official Symbol

LOC100500346

NCBI Official Synonym Symbols

GmCASP7

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

CASP-like protein 1 (LOC100500346), Recombinant Protein

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NCBI Protein Information

CASP-like protein 7

UniProt Gene Name

GmCASP7

UniProt Synonym Gene Names

GmCASP7

UniProt Protein Name

CASP-like protein 7

UniProt Primary Accession

C6T1G0

UniProt Related Accession

C6T1G0

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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