

CASP-like protein 2 (LOC100527420), Recombinant Protein

Cat *RP18470*

Species

Glycine max (Soybean) (*Glycine hispida*)

Full Product Name

Recombinant Glycine max CASP-like protein 2, partial

Product Gene Name

LOC100527420 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

20,172 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_001235823.1

NCBI GI

351725733

NCBI GenBank Nucleotide

NM_001248894.1

NCBI GeneID

100527420

NCBI Official Full Name

CASP-like protein 6

NCBI Official Symbol

LOC100527420

NCBI Official Synonym Symbols

GmCASP6

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

CASP-like protein 2 (LOC100527420), Recombinant Protein

Cat *RP18470*

NCBI Protein Information

CASP-like protein 6

UniProt Gene Name

GmCASP6

UniProt Synonym Gene Names

GmCASP6

UniProt Protein Name

CASP-like protein 6

UniProt Primary Accession

C6T4A0

UniProt Related Accession

C6T4A0

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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