

CASP-like protein Osl_27482 (Osl_27482), Recombinant Protein

Cat *RP13869*

Species

Oryza sativa subsp. *indica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *indica* CASP-like protein Osl_27482 (Osl_27482), partial

Product Gene Name

Osl_27482 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

24,552 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

A2YQB8.1

NCBI GI

226713601

NCBI Official Full Name

Casparian strip membrane protein 2

UniProt Gene Name

Osl_27482

UniProt Synonym Gene Names

OsCASP2

UniProt Protein Name

Casparian strip membrane protein 2

UniProt Primary Accession

A2YQB8

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

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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and the extraorganismal apoplasm and prevents lateral diffusion .

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