# CASP-like protein Os08g0101900 (Os08g0101900, LOC\_Os08g01160), Recombinant Protein



Cat RP14679

## **Species**

Oryza sativa subsp. japonica (Rice)

#### **Full Product Name**

Recombinant Oryza sativa subsp. japonica CASP-like protein Os08g0101900 (Os08g0101900, LOC\_Os08g01160), partial

#### **Product Gene Name**

Os08g0101900 recombinant protein

## **Product Synonym Gene Name**

Os08g0101900; LOC\_Os08g01160

### **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**

24,747 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 #

XP\_015649149.1

#### NCBI GI#

1002289691

#### NCBI GenBank Nucleotide #

XM 015793663.1

#### NCBI GenelD

107276110

#### **NCBI Official Full Name**

casparian strip membrane protein 2

### NCBI Official Symbol

LOC107276110

# **NCBI Official Synonym Symbols**

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967 Tel: 1-631-637-0420

# CASP-like protein Os08g0101900 (Os08g0101900, LOC\_Os08g01160), Recombinant Protein



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OsCASP2; OsJ 024703; P0015C07.4

#### **NCBI Protein Information**

casparian strip membrane protein 2

#### **UniProt Gene Name**

Os08g0101900

## **UniProt Synonym Gene Names**

OsCASP2

#### **UniProt Protein Name**

Casparian strip membrane protein 2

# **UniProt Primary Accession #**

Q6Z1Y7

#### UniProt Related Accession #

Q6Z1Y7

#### **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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