# CASP-like protein Os04g0684300 (Os04g0684300, LOC\_Os04g58760), Recombinant Protein



Cat RP14683

## **Species**

Oryza sativa subsp. japonica (Rice)

#### **Full Product Name**

Recombinant Oryza sativa subsp. japonica CASP-like protein Os04g0684300 (Os04g0684300, LOC\_Os04g58760), partial

#### **Product Gene Name**

Os04g0684300 recombinant protein

## **Product Synonym Gene Name**

Os04g0684300; LOC\_Os04g58760

## **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**

23,656 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\_015634469.1

#### NCBI GI#

1002260292

#### NCBI GenBank Nucleotide #

XM\_015778983.1

#### NCBI GenelD

4337453

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

casparian strip membrane protein 1

## NCBI Official Symbol

LOC4337453

# **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 Os04g0684300 (Os04g0684300, LOC\_Os04g58760), Recombinant Protein



Cat RP14683

OsCASP1; OsJ 015951

#### **NCBI Protein Information**

casparian strip membrane protein 1

#### **UniProt Gene Name**

Os04g0684300

## **UniProt Synonym Gene Names**

OsCASP1

#### **UniProt Protein Name**

Casparian strip membrane protein 1

# **UniProt Primary Accession #**

Q7XPU9

## **UniProt Secondary Accession #**

Q0J8W4: A3AYS9

#### **UniProt Related Accession #**

Q7XPU9

#### **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 .

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967 E-mail: info@cd-biosci.com
Tel: 1-631-637-0420 https://www.cd-biosciences.com/plant-protein/