

# Putative germin-like protein 2-1 (Os02g0491600, LOC\_Os02g29000), Recombinant Protein

Cat RP14278

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg  
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg  
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-  
Oryza sativa subsp. japonica (Rice)  
Cell)

## Full Product Name

Recombinant Oryza sativa subsp. japonica Putative germin-like protein 2-1 (Os02g0491600, LOC\_Os02g29000)

## Product Gene Name

Os02g0491600 recombinant protein

## Product Synonym Gene Name

Os02g0491600; LOC\_Os02g29000

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

SDPSQLQDFC VADKMSQVLV NGFACKDPAA ITVEDFFFSG LHMAGNTSNR QGSAVTGVNV AQISGLNTLG  
ISLARVDYAP YGLNPPHIHP RATEILTILE GSLYVGFVTS NPENKLF TKV LNKGDVVFVFP QGLIHFQFNY  
GTKDVIALAA LSSQNPQVIT IANAVFGSKP FISDDILAKA FQVEKKIVDR IQAQF

## Sequence Positions

22-216, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

23,264 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

Putative germin-like protein

## NCBI Accession #

XP\_015624078.1

## NCBI GI #

1002239675

## NCBI GenBank Nucleotide #

XM\_015768592.1

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

# Putative germin-like protein 2-1 (Os02g0491600, LOC\_Os02g29000), Recombinant Protein

Cat *RP14278*

Size *0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1*

**NCBI GeneID**  
4329389 *mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*

## NCBI Official Full Name

putative germin-like protein 2-1

## NCBI Official Symbol

LOC4329389

## NCBI Protein Information

putative germin-like protein 2-1

## UniProt Gene Name

Os02g0491600

## UniProt Protein Name

Putative germin-like protein 2-1

## UniProt Primary Accession #

Q6K5Q0

## UniProt Secondary Accession #

A0A0P0VJ67

## UniProt Related Accession #

Q6K5Q0

## UniProt Comments

May play a role in plant defense. Probably has no oxalate oxidase activity even if the active site is conserved.

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