

Germin-like protein 4-1 (Os04g0617900, LOC_Os04g52720), Recombinant Protein

Cat *RP14354*

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-Cell)
Species Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica Germin-like protein 4-1 (Os04g0617900, LOC_Os04g52720)

Product Gene Name

Os04g0617900 recombinant protein

Product Synonym Gene Name

Os04g0617900; LOC_Os04g52720

Purity

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

Sequence

SDPSQLQDFC VADKLSAVFV NGFVCKNPKQ VTANDFFLPK ALGVPGNVTN AQGSAVTPVT VNELPGLNTL
GISFARIDFA PNGQNPPHTH PRATEILTVL QGTLLVGFTV SNQPGGGNLQ FTKLLGPGDV FVFPQGLIHF
QLNNGAVPAV AIAALSSQNP GVITIANAVF GSTPPILDDV LAKAFMIDKD QVDWIAKFA APPAASGGGG
GFIGGGGGGG FPGGGAP

Sequence Positions

28-254, 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

25,658 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

Germin-like protein

NCBI Accession

XP_015634976.1

NCBI GI

1002261217

NCBI GenBank Nucleotide

XM_015779490.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GeneID

4337008 0.1 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

germin-like protein 4-1

NCBI Official Symbol

LOC4337008

NCBI Official Synonym Symbols

OsJ_015483

NCBI Protein Information

germin-like protein 4-1

UniProt Gene Name

Os04g0617900

UniProt Protein Name

Germin-like protein 4-1

UniProt Primary Accession

Q7XSN6

UniProt Secondary Accession

Q0JA35; Q7X8S7

UniProt Related Accession

Q7XSN6

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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