

Prolamin PPROL 17D (Os12g0269200, LOC_Os12g16890), Recombinant Protein

Cat RP14221

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)
Oryza sativa subsp. japonica (Rice)

Species

Full Product Name

Recombinant Oryza sativa subsp. japonica Prolamin PPROL 17D (Os12g0269200, LOC_Os12g16890)

Product Gene Name

Os12g0269200 recombinant protein

Purity

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

Sequence

QFDAVTQVYR QYQLQPHLML QQQMLSPCGE FVRQQCSTVA TPFFQSPVFQ LRNCQVMQQQ CCQQLRMIAQ
QSHCQAISVS QAIVQQLRLQ QFASVYFDQS QAQAQAMLAL NMPSICGIYP SYNTAPCSIP TVGGIWY

Sequence Positions

20-156, 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

17,562 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

Prolamin

NCBI Accession

P20698.2

NCBI GI

108935877

NCBI Official Full Name

Prolamin PPROL 17D

UniProt Gene Name

Os12g0269200

UniProt Protein Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Prolamin PPROL 17D

UniProt Primary Accession #

P20698

UniProt Secondary Accession #

Q2QUA8; Q9ZWJ7

UniProt Comments

Seed storage protein; serves as a source of nitrogen, carbon and sulfur for the young developing seedling.

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