

Prolamin PPROL 14P (PROLM20), Recombinant Protein

Cat RP13671

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
Species (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Oryza sativa subsp. japonica (Rice)
Cell)

Full Product Name

Recombinant Oryza sativa subsp. japonica Prolamin PPROL 14P (PROLM20)

Product Gene Name

PROLM20 recombinant protein

Product Synonym Gene Name

PROLM20

Purity

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

Sequence

QFDVLGQNI R QYQVQSP LLL QQQVLS PYNE FVRQQYS IAA STFLQSA AFQ LRNNQVL QQL RLVAQQSHYQ
DINVVQAI AH QLHLQQFG NL YIDRNLAQ AQ ALLAFNLP ST YGIYPWSY SA PDSITTLGGV LY

Sequence Positions

20-151, 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

16,995 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

Q42465.1

NCBI GI

75221298

NCBI Official Full Name

Prolamin PPROL 14P

UniProt Gene Name

PROLM20

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Prolamin PPROL 14P
(Cell)

UniProt Primary Accession

Q42465

UniProt Secondary Accession

Q7DMS4; Q8GVK8; B7F9P8

UniProt Comments

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

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