

10 kDa prolamin (Os03g0766000, LOC_Os03g55730), Recombinant Protein

Cat RP14157

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

(Mammalian-Cell)/ 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 10 kDa prolamin (Os03g0766000, LOC_Os03g55730)

Product Gene Name

Os03g0766000 recombinant protein

Product Synonym Gene Name

Os03g0766000; LOC_Os03g55730

Purity

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

Sequence

ITTMQYFPPT LAMGTMDPCR QYMMQTLGMG SSTAMFMSQP MALLQQQCCM QLQGMMMPQCH
CGTSCQMMQS MQQVICAGLG QQQMMKMAMQ MPYMCNMAPV NFQLSSCGCC

Sequence Positions

25-134aa; Full Length of Mature 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

14,682 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

Q0DN94.1

NCBI GI

122169826

NCBI Official Full Name

10 kDa prolamin

UniProt Gene Name

Os03g0766100

UniProt Protein Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP14157*

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

10 kDa prolamin (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg

(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

Q0DN94

UniProt Primary Accession

UniProt Secondary Accession

P15839; Q40729; Q53X24; A0A0P0W417

UniProt Comments

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

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