

Gamma-gliadin B-I, Recombinant Protein

Cat *RP16468*

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

mg (Baculovirus)/1 mg (E-Coli)/1 mg (Yeast)/0.1 mg (Mammalian-Cell)/1 mg (Baculovirus)/0.5 mg (Mammalian-Cell)
Species
Triticum aestivum (Wheat)

Full Product Name

Recombinant Triticum aestivum Gamma-gliadin B-I

Purity

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

Sequence

SCISGLERPW QQQPLPPQQS FSQQPPFSQQ QQQPLPQQPS FSQQQPPFSQ QQPILSQQPP FSQQQQPVLP
QQSPFSQQQQ LVLPPQQQQQ QLVQQQIPIV QPSVLQQLNP CKVFLQQQCS PVAMPQRLAR
SQMWQQSSCH VMQQQCCQQL QQIPEQSRYE AIRAIYSII LQEQQQGFVQ PQQQPPQQSG QGVSSQSQQS
QQQLGQCSFQ QPQQQLGQQP QQQQQQQVLQ GTFLQPHQIA HLEAVTSIAL RTLPTMCSVN VPLYSATTSV
PFGVGTGVGA Y

Sequence Positions

24-304, 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

34,252 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

Gamma-gliadin

NCBI Accession

P04729.1

NCBI GI

121100

NCBI Official Full Name

Gamma-gliadin B-I

UniProt Protein Name

Gamma-gliadin B-I

UniProt Primary Accession

P04729

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/0.02 mg (Baculovirus)/0.02 mg (Mammalian-Cell)/0.1

mg (Baculovirus)/1 mg (E-Coli)/1 mg (Yeast)/0.1 mg
(Mammalian-Cell)/1 mg (Baculovirus)/0.5 mg (Mammalian-Cell)

UniProt Comments

Gliadin is the major seed storage protein in wheat.

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