

Bowman-Birk type bran trypsin inhibitor (RBBI3.3), Recombinant Protein

Cat RP13806

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)

Full Product Name

Recombinant Oryza sativa subsp. japonica Bowman-Birk type bran trypsin inhibitor (RBBI3.3)

Product Gene Name

RBBI3.3 recombinant protein

Product Synonym Gene Name

RBBI3.3

Purity

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

Sequence

MERPWKCCDN IKRLPTKPDP PQWRCNDELE PSQCTAACKS CREAPGPFPG KLICEDIYWG ADPGPFCTPR
PWGDCCDKAF CNKMNPTTCR CMDEVKECAD ACKDCQRVES SEPPRYVCKD RFTGHPGPVC KPR

Sequence Positions

119-251, 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

27,790 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

Bowman-Birk type bran trypsin inhibitor

NCBI Accession

XP_015622026.1

NCBI GI

1002235658

NCBI GenBank Nucleotide

XM_015766540.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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9271230 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
Bowman-Birk type bran trypsin inhibitor

NCBI Official Symbol

LOC9271230

NCBI Official Synonym Symbols

ti; RBTI; OSE727A; RBBI3.3; P0044F08.1

NCBI Protein Information

Bowman-Birk type bran trypsin inhibitor

UniProt Gene Name

RBBI3.3

UniProt Protein Name

Bowman-Birk type bran trypsin inhibitor

UniProt Synonym Protein Names

OSE727A; Protein RBBI3-3; RBTI

UniProt Primary Accession

Q0JR25

UniProt Secondary Accession

P07084; P93432; Q5ZCA7; Q7XZC9; Q9AWV9; Q9M3W2; Q9SAS2; A0A0P0UXL8; C7IWR7

UniProt Related Accession

Q0JR25

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