

Proteinase inhibitor IIB, Recombinant Protein

Cat *RP15418*

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

Species (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Solanum tuberosum (Potato)
Cell)

Full Product Name

Recombinant Solanum tuberosum Proteinase inhibitor IIB

Purity

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

Sequence

ICTNNCAGYK GCNYACPLND HPIAYKSCEG EFDPKSKCPR

Sequence Positions

1-40, 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

4,412 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

Proteinase inhibitor

NCBI Accession

P01082.1

NCBI GI

37999861

NCBI Official Full Name

Proteinase inhibitor IIB

UniProt Protein Name

Proteinase inhibitor IIB

UniProt Primary Accession

P01082

UniProt Comments

Inhibits chymotrypsin and subtilisin strongly.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY