

Seed trypsin/chymotrypsin inhibitor TI5-72 (TI572), Recombinant Protein

Cat RP18200

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)
Pisum sativum (Garden pea)

Full Product Name

Recombinant Pisum sativum Seed trypsin/chymotrypsin inhibitor TI5-72 (TI572)

Product Gene Name

TI572 recombinant protein

Product Synonym Gene Name

TI572

Purity

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

Sequence

GDDVKSACCD TCLCTKSDPP TCRCVDVGET CHSACDSCIC ALSYPPQCQC FDTHKFCYKA CHNSEVEEVI
KN

Sequence Positions

43-114, 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

12,598 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

Seed trypsin/chymotrypsin inhibitor

NCBI Accession

Q41066.1

NCBI GI

6016305

NCBI Official Full Name

Seed trypsin/chymotrypsin inhibitor TI5-72

UniProt Gene Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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TI572 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

UniProt Protein Name

Seed trypsin/chymotrypsin inhibitor TI5-72

UniProt Primary Accession

Q41066

UniProt Comments

Inhibitor of trypsin and of chymotrypsin. May function as a natural phytochemical defense against predators.

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