Kunitz-type trypsin inhibitor KTI1 (KTI1), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP18519*

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
Glycine max (Soybean) (Glycine hispida)

Full Product Name
Recombinant Glycine max Kunitz-type trypsin inhibitor KTI1 (KTI1)

Product Gene Name
KTI1 recombinant protein

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

Sequence
QFVLDTDDDP LQNGGTYYML PVMRGKGGGI EVDSTGKEIC PLTVVQSPNE LDKGIGLVFT SPLHALFIAE RYPLSIKFGS FAVITLCAGM PTEWAIVERE GLQAVKLAAR DTVDGWFNIE RVSREYNDYK LVFCPQQAED NKCEDIGIQI DDDGIRRLVL SKNKPLVVQF QKFRSSTA

Sequence Positions
26-203, 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
22,546 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

Protein Family
Kunitz trypsin inhibitor

NCBI Accession
P25272.1

NCBI GI
125722

NCBI Official Full Name
Kunitz-type trypsin inhibitor KTI1

UniProt Gene Name
KTI1

UniProt Protein Name
Kunitz-type trypsin inhibitor KTI1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/

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UniProt Primary Accession

P25272

UniProt Comments

Has probably no trypsin inhibitor activity. KTi3 is responsible for most of the Kunitz trypsin inhibitor activity and protein found in soybean seeds.

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