

Trypsin inhibitor A (KTI3), Recombinant Protein

Cat *RP18484*

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-
Glycine max (Soybean) (Glycine hispida)
Cell)

Full Product Name

Recombinant Glycine max Trypsin inhibitor A (KTI3)

Product Gene Name

KTI3 recombinant protein

Purity

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

Sequence

DFVLDNEGNP LENGTTYIL SDITAFGGIR AAPTGNERCP LTVVQSRNEL DKGIGTISS PYRIRFIAEG
HPLSLKFDSF AVIMLCVGIP TEWSVVEDLP EGPAVKIGEN KDAMDGWFR L ERVSDDEFNN YKLVFPCPQA
EDDKCGDIGI SIDHDDGTRR LVVSKNKPLV VQFQKLDKES L

Sequence Positions

25-205, 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

24,005 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.

NCBI Accession

NP_001238611.1

NCBI GI

351724949

NCBI GenBank Nucleotide

NM_001251682.1

NCBI GeneID

547831

NCBI Official Full Name

trypsin inhibitor A

NCBI Official Symbol

KTI3

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Trypsin inhibitor A (KTI3), Recombinant Protein

Cat *RP18484*

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)
KTI; Tia; Tic; Tje; Ti-a; Ti-b

NCBI Official Synonym Symbols

NCBI Protein Information

trypsin inhibitor A

UniProt Gene Name

KTI3

UniProt Protein Name

Trypsin inhibitor A

UniProt Synonym Protein Names

Kunitz-type trypsin inhibitor A

UniProt Primary Accession

P01070

UniProt Related Accession

P01070

UniProt Comments

Inhibition of trypsin.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY