

Cysteine proteinase inhibitor 5 (Os01g0915401, LOC_Os01g68670), Recombinant Protein

Cat RP14514

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-
Oryza sativa subsp. japonica (Rice
Cell))

Full Product Name

Recombinant Oryza sativa subsp. japonica Cysteine proteinase inhibitor 5 (Os01g0915401, LOC_Os01g68670)

Product Gene Name

Os01g0915401 recombinant protein

Product Synonym Gene Name

Os01g0915401; LOC_Os01g68670

Purity

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

Sequence

RLAAAAAADD DGQWPAGGGR GRKVGGRTDV EDVEGNREVQ ELGLFCVVEH NRRGGSATRG
RGLVFSRVVA AQTQVVSGIK YYLRIAQEA DDELVFDAVV VVKAWVPSRE MVSFVPAEL PGY

Sequence Positions

26-148, 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

15,743 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

XP_015621051.1

NCBI GI

1002233707

NCBI GenBank Nucleotide

XM_015765565.1

NCBI GeneID

9266701

NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Cysteine proteinase inhibitor 5 (Os01g0915401, LOC_Os01g68670), Recombinant Protein

Cat *RP14514*

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*

(Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
NCBI Official Symbol
LOC9266701

NCBI Official Synonym Symbols

OC-V; OsJ_04531

NCBI Protein Information

cysteine proteinase inhibitor 5

UniProt Gene Name

Os01g0915401

UniProt Synonym Gene Names

OC-V

UniProt Protein Name

Cysteine proteinase inhibitor 5

UniProt Synonym Protein Names

Oryzacystatin V; OC-V; Oryzacystatin-5

UniProt Primary Accession

Q0JGM8

UniProt Secondary Accession

A0A0P0VBX9; A3A0V9

UniProt Related Accession

Q0JGM8

UniProt Comments

Specific inhibitor of cysteine proteinases. Probably involved in the regulation of endogenous processes and in defense against pests and pathogens .

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY