Cysteine proteinase inhibitor 6 (Os03g0210200, LOC_Os03g11180), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP14277*

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)*

Species
Oryza sativa subsp. japonica (Rice)

Full Product Name
Recombinant Oryza sativa subsp. japonica Cysteine proteinase inhibitor 6 (Os03g0210200, LOC_Os03g11180)

Product Gene Name
Os03g0210200 recombinant protein

Product Synonym Gene Name
Os03g0210200; LOC_Os03g11180

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

Sequence
LPRGWSPIKN IDDPHIQELG RWAITENNRV SPSDELTFHR VTGGEQQVVS GMNYRLEIEA ASGGGDVTGS YGAVVFEQEW SNTRKLISFD KNHNF

Sequence Positions
19-113, 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
12,421 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.

NCBI Accession
XP_015630131.1

NCBI GI
1002251792

NCBI GenBank Nucleotide
XM_015774645.1

NCBI GeneID
4332021

NCBI Official Full Name

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cysteine proteinase inhibitor 6

NCBI Official Symbol

LOC4332021

NCBI Official Synonym Symbols

OC-VI

NCBI Protein Information

cysteine proteinase inhibitor 6

UniProt Gene Name

Os03g0210200

UniProt Synonym Gene Names

OC-VI

UniProt Protein Name

Cysteine proteinase inhibitor 6

UniProt Synonym Protein Names

Oryzacystatin VI; OC-VI; Oryzacystatin-6

UniProt Primary Accession

Q10Q46

UniProt Related Accession

Q10Q46

UniProt Comments

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

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