

Cysteine proteinase inhibitor 10 (Osl_014908, OSIGBa0144C23.1), Recombinant Protein

Cat RP13875

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)
Oryza sativa subsp. indica (Rice)

Species

Full Product Name

Recombinant Oryza sativa subsp. indica Cysteine proteinase inhibitor 10 (Osl_014908, OSIGBa0144C23.1)

Product Gene Name

Osl_014908 recombinant protein

Purity

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

Sequence

DEASPSNAAA PAAPVLVGGR TEIRDVGSNK AVQSLGRFAV AEHNRRLRHG GSGGPADPVP VKLAFARVVE
AQKQVVSGVA YYLKVAASAR DPRGGAAAGG DRVFDVAVVV KAWLKSKELV SFTPASSTK

Sequence Positions

23-151, 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

15,448 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

A2XS65.2

NCBI GI

152013471

NCBI Official Full Name

Cysteine proteinase inhibitor 10

UniProt Gene Name

Osl_014908

UniProt Synonym Gene Names

OC-X

UniProt Protein Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cell)

UniProt Synonym Protein Names

Oryzacystatin X; OC-X; Oryzacystatin-10

UniProt Primary Accession

A2XS65

UniProt Secondary Accession

Q0JDZ3; Q7XKS0

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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