

Serpin-Z2B (Os11g0239200, LOC_Os11g13540), Recombinant Protein

Cat *RP14680*

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 *Oryza sativa* subsp. *japonica* (*Rice*)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Serpin-Z2B (Os11g0239200, LOC_Os11g13540)

Product Gene Name

Os11g0239200 recombinant protein

Product Synonym Gene Name

Os11g0239200; LOC_Os11g13540

Purity

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

Sequence

MEDDAGNCGG LTAFAALRLAK RLADDGDNSN RNVVFSPVSL YAALALVASG ARGTTLDELV ALLGAASLDD
LEESVRRAVE VGLADESESG GPRVSYACGV WHDERLALKP AYRAADFQRQ PKSSRKKINK WVKATNKLI
REILPDGSVH GGTALVLVNA IYFKGKWSNP FPRERTTTGK FHRLDGSSVD APFMSSREDQ YIGFYDGFKV
LKLPYHRTMK NHGDGGDITP AILKHYGENV GLSMYIFLPD ARDGLPALVD KMAVASSGTA SSSFLRDHRP
GRRRIKVGDL RVPRFKVSFY SEMNEVLKGM GIGAAFDVGK VDLSGMIDGE LVVVEKVMHR AVVEVNEEGT
EAAAATACTM KFLCLTLTSP VDFVADHPFA FFFVVEEKSDA VLFAGHVLDLP TSLE

Sequence Positions

1-404, 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

43,879 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.

Protein Family

Serpin

NCBI Accession

XP_015616187.1

NCBI GI

1002305652

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
NCBI GenBank Nucleotide #
XM_015760701.1

NCBI GeneID

107275734

NCBI Official Full Name

serpin-Z2B

NCBI Official Symbol

LOC107275734

NCBI Official Synonym Symbols

OrysaZ2b; OsJ_032137

NCBI Protein Information

serpin-Z2B

UniProt Gene Name

Os11g0239200

UniProt Protein Name

Serpin-Z2B

UniProt Synonym Protein Names

OrysaZ2b

UniProt Primary Accession

Q53KS9

UniProt Secondary Accession

A0A0P0Y0K3

UniProt Related Accession

Q53KS9

UniProt Comments

Probable serine protease inhibitor.

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