

Glucan endo-1,3-beta-glucosidase (SP41B), Recombinant Protein

Cat *RP17722*

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 *Nicotiana tabacum* (Common tobacco)

Full Product Name

Recombinant *Nicotiana tabacum* Glucan endo-1,3-beta-glucosidase (SP41B)

Product Gene Name

SP41B recombinant protein

Purity

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

Sequence

QSNIGVCYGE IANNLPSEQD VINLYKANGI RKMRIYYPDT NIFKALNGSN IEIILEVPNQ DLEALANSSI
ANGWVQDNIR SHFPYVKFKY ISIGNEVSPT NNGQYSQFL HAMKNVYNAL AAAGLQDKIK VSTATYSGLL
ANTYPPKDSI FREELKSFN PIEFLARNN LPLLANIYPY FGHIYNTVDV PLSYALFNQQ ETNSTGYQNL
FDALLDSIYF AVEKAGGPNV EIIVSESGWP SEGNSAATIE NAQTYRNLV NHVKGGAGTP KKPGRIIETY
LFAMFDENEK QGEITEKHFG LFYPNRAKY QLNFMYSDS

Sequence Positions

33-351, 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

39,262 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_001312176.1

NCBI GI

1027856233

NCBI GenBank Nucleotide

NM_001325247.1

NCBI GeneID

107777766

NCBI Official Full Name

glucan endo-1,3-beta-glucosidase

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 Official Symbol
LOC10777766

NCBI Official Synonym Symbols

sp41b

NCBI Protein Information

glucan endo-1,3-beta-glucosidase

UniProt Gene Name

SP41B

UniProt Synonym Gene Names

(1->3)-beta-glucanase

UniProt Protein Name

Glucan endo-1,3-beta-glucosidase

UniProt Synonym Protein Names

(1->3)-beta-glucan endohydrolase; (1->3)-beta-glucanase; Beta-1,3-endoglucanase

UniProt Primary Accession

P23433

UniProt Related Accession

P23433

UniProt Comments

Implicated in the defense of plants against pathogens.

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