

Glucan endo-1,3-beta-glucosidase, basic vacuolar isoform (GN2), Recombinant Protein

Cat RP17170

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 plumbaginifolia (Leadwort-leaved tobacco) (Tex-Mex tobacco)

Full Product Name

Recombinant Nicotiana plumbaginifolia Glucan endo-1,3-beta-glucosidase, basic vacuolar isoform (GN2)

Product Gene Name

GN2 recombinant protein

Purity

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

Sequence

ESIGVCYGML GNNLPNHWEV IQLYKSRNIG RLRLYDPNHG ALQALKGSNI EVMLGLPNSD VKHIASGMEH
ARWWVQKNVK DFWPDKIKY IAVGNEISPV TGTSYLTSFL TPAMVNIYKA IGEAGLGNNI KVSTSVDMTL
IGNSYPPSQG SFRNDARWFV DPIVGFLRDT RAPLLVNIYP YFSYSGNPGQ ISLPYSLFTA PNVVVQDGSR
QYRNLFDA ML DSVYAAALERS GGASVGIVVS ESGWPSAGAF GATYDNAATY LKNLIQHAKG GSPRKPRPIE
TYIFAMFDEN NKNPELEKHF GLFSPNKQPK YNLNFG

Sequence Positions

33-348, 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

39,984 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

P23431.1

NCBI GI

119004

NCBI Official Full Name

Glucan endo-1,3-beta-glucosidase, basic vacuolar isoform

UniProt Gene Name

GN2

UniProt Synonym Gene Names

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)

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UniProt Synonym Protein Names

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

UniProt Primary Accession

P23431

UniProt Comments

Implicated in the defense of plants against pathogens.

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