

Beta-glucosidase 26 (BGLU26), Recombinant Protein

Cat *RP13503*

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)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Species *Oryza sativa* subsp. *japonica* (Rice)

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Beta-glucosidase 26 (BGLU26)

Product Gene Name

BGLU26 recombinant protein

Purity

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

Sequence

YWLNPFIYDA GGLSRRAFPE GFVFGTAASA YQVEGMAKQG GRGPSIWDAF IEKPGTIPNN ATADVTVDEY
HRYKEDVNIM KNMGFDAYRF SISWSRIFPN GTGMVNEQEV DYNNRLIDYM VKKGIKPYAN LYHYDLPLAL
HEQYLGWLSP NIVEAFADYA DFCFQTFGDR VKDWFTFNEP RCVAALGYDN GFHAPGRCSG CDAGGNSTTE
PYLAAHHLIL SHAAAVKRYR EKYQLYQKGR IGILLDFVWY EPFSDSNADR AAAQRARDFH LGWFLDPIIH
GRYPYSMLI VKDRMPTFSD EESRMVKDSI DYVGINHYTS FYMKDPGPWN LTPTSQDDW HVGFA YERNG
VPIGAQANSY WLYIVPWGIN KAVTYVKETY GNPTMILSEN GMDQPGNVS TQGVHDTVRI RYYRNYITEL
KKAIDDGAKV IGYFAWSLLD NFEWRLGYTS RFGIVYVDYK TLKRYPKDSA FWFKNMLSSK KRN

Sequence Positions

28-510, 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

58,498 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

Beta-glucosidase

NCBI Accession

XP_015647146.1

NCBI GI

1002285688

NCBI GenBank Nucleotide

XM_015791660.1

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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

4344146 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1

mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Full Name

beta-glucosidase 26 isoform X2

NCBI Official Symbol

LOC4344146

NCBI Official Synonym Symbols

BGLU26; Os7bglu26; OsJ_25416

NCBI Protein Information

beta-glucosidase 26

UniProt Gene Name

BGLU26

UniProt Synonym Gene Names

Os7bglu26

UniProt Protein Name

Beta-glucosidase 26

UniProt Primary Accession

A3BMZ5

UniProt Secondary Accession

Q0D407

UniProt Related Accession

A3BMZ5

UniProt Comments

Hydrolyzes p-nitrophenyl beta-D-glucoside, p-nitrophenyl beta-D-mannoside, p-nitrophenyl beta-D-galactoside, p-nitrophenyl beta-D-xyloside, p-nitrophenyl beta-D-fucoside, p-nitrophenyl beta-L-arabinoside, cello-oligosaccharides, laminari-oligosaccharides and sophorose.

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