

Beta-glucosidase 13 (BGLU13), Recombinant Protein

Cat *RP13490*

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 13 (BGLU13)

Product Gene Name

BGLU13 recombinant protein

Product Synonym Gene Name

BGLU13

Purity

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

Sequence

EPPISSRRSF PEGFIFGTAS SSYQYEGGAR EGGRGPSIWD TFTHQHDPDKI ADKSNQDVAA DSYHLYKEDV
RIMKDMGVDA YRFSISWTRI LPNGSLSGGI NREGISYNN LINELLKGV QPFVTLFHWD SPQALDKYN
GFLSPNIIND YKEYAETCFK EFGDRVKHWI TFNEPLSFCV AGYASGGMFA PGRCSWEGN CSAGDSGREG
YTACHHQLLA HAETVRLYKE KYQVLQKGKI GITLVSNWFV PFSRSKSNID AARRALDFML GWFMDPLIRG
EYPLSMRELV RNRLPQFTKE QSELIKGSFD FIGLNYTSTN YAGSLPPSNG LNNSYSTDAR ANLTAVRNGI
PIGPQAASPW LYIYPQGFRE LVLYVKENYG NPTIYITENG VDEFNNKTLP LQEALKDDTR IDYYHKHLLS
LLSAIRDGAN VKGYFAWSLL DNFWSNGYT VRFGINFVDY NDGAKRYPKM SAHWFKEFLQ K

Sequence Positions

26-506, 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

57,137 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

Q7XKV2.2

NCBI GI

75296356

NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Beta-glucosidase 13 (BGLU13), Recombinant Protein

Cat *RP13490*

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

4336146 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 13

NCBI Official Symbol

LOC4336146

NCBI Official Synonym Symbols

BGLU13; Os4bglu13; OsJ_15167

NCBI Protein Information

beta-glucosidase 13

UniProt Gene Name

BGLU13

UniProt Synonym Gene Names

Os4bglu13

UniProt Protein Name

Beta-glucosidase 13

UniProt Primary Accession

Q7XKV2

UniProt Secondary Accession

A0A0P0WBI3

UniProt Related Accession

Q7XKV2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY