

Beta-glucosidase 3 (BGLU3), Recombinant Protein

Cat *RP12858*

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

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

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Beta-glucosidase 3 (BGLU3)

Product Gene Name

BGLU3 recombinant protein

Product Synonym Gene Name

BGLU3

Purity

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

Sequence

GYTRNDFPAD FVFGAATSAY QYEGAAAEDG RGASIWDFTT HAGKMKDKST GDVASDGYHK YKGDVKLMTE
TGLEAYRFSI SWSRLIPSGR GAVNQQLKY YNNIIDELTK RGIQVHVMY HLDLPQALD EYAGWLSPRI
VEDFTAYADV CFREFGDRVS HWTILAEPNV AALGGYDTGE FAPGRCSDPF GVTCTVGNS SVEPYVAHN
MILTHAAVVR LYREKYQTLQ KGIVGINVLS LWSYPLTDS ADLQAAQRYK DFTYGWILHP LVFGDYPQVM
KKAIGSRPLS FSKVQTELK GTLDFIGVNH YFSLYVSDLP LAKGVRDFIA DRSVSCRGLL QGVRFIAQTM
QAPTRSMGDP HGLQLMLQHL KESYGDLPY VQENGKYRKA SSNDSLDDTD RVDYIKGYIE GVLNATRNGV
NARGYFAWFF VDMFELLSGY QTRYGLYRVD FDDAALPRA KRSARWYRDF LKSKRQPLQI AQQ

Sequence Positions

23-505, 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

56,647 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

Q8RZL1.2

NCBI GI

281312228

NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Beta-glucosidase 3 (BGLU3), Recombinant Protein

Cat *RP12858*

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

Beta-glucosidase 3 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1

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

UniProt Gene Name

BGLU3

UniProt Synonym Gene Names

Os1bglu3

UniProt Protein Name

Beta-glucosidase 3

UniProt Primary Accession

Q8RZL1

UniProt Secondary Accession

Q0JIB3; Q5N772

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY