

Glutelin type-B 4 (GLUB4), Recombinant Protein

Cat *RP12316*

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

Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Glutelin type-B 4 (GLUB4)

Product Gene Name

GLUB4 recombinant protein

Purity

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

Sequence

QLFGPNVNPW HNPRQGGFRE CRFDRLQAFE PLRRVRSEAG VTEYFDEKNE QFQCTGTFVI RRVIEPQGLL
VPRYSNTPGM VYIIQGRGSM GLTFPGCPAT YQQFQQFLP EGQSQSQKFR DEHQKIHQFR QGDIVLPAG
VAHWFYNEGD APVVALYVFD LNNNANQLEP RQKEFLLAGN NNREQQMYGR SIEQHSGQNI FSGFNNELLS
EALGVNALVA KRLQGQNDQR GEIRVKNGI KLLRPAFAQQ QEQAQQQEQA QAQYQVQYSE EQQPSTRCN

Sequence Positions

25-303aa; Partial(Glutelin type-B 4 acidic chain)

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or *Yeast* or *Baculovirus* or *Mammalian Cell*

Molecular Weight

56,818 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

Glutelin

NCBI Accession

XP_015626321.1

NCBI GI

1002244209

NCBI GenBank Nucleotide

XM_015770835.1

NCBI GeneID

4328969

NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Glutelin type-B 4 (GLUB4), Recombinant Protein

Cat *RP12316*

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)
glutelin type-B 4
NCBI Official Symbol
LOC4328969

NCBI Official Synonym Symbols

GluB4; GLUB-4; glutelin

NCBI Protein Information

glutelin type-B 4

UniProt Gene Name

GLUB4

UniProt Synonym Gene Names

GLUB-4

UniProt Protein Name

Glutelin type-B 4

UniProt Primary Accession

P14614

UniProt Secondary Accession

Q546X7; Q7GBB0

UniProt Related Accession

P14614

UniProt Comments

Seed storage protein.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY