

Glutelin type-A 2 (GLUA2), Recombinant Protein

Cat RP12351

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-
Oryza sativa subsp. japonica (Rice)
Cell)

Full Product Name

Recombinant Oryza sativa subsp. japonica Glutelin type-A 2 (GLUA2)

Product Gene Name

GLUA2 recombinant protein

Purity

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

Sequence

QQLLGQSTSQ WQSSRRGSPR GCRFDRLQAF EPIRSVRSQA GTTEFFDVSN ELFQCTGVSV VRRVIEPRGL
LLPHYTNGAS LVIYIIQGRGI TGPTFPGCPE TYQQQFQQSG QAQLTESQSQ SHKFKDEHQK IHRFRQGDVI
ALPAGVAHWC YNDGEVPVVA IYVTDINNGA NQLDPRQRDF LLAGNKRNPQ AYRREVEEWS QNIFSGFSTE
LLSEAFGISN QVARQLQCQN DQRGEIVRVE RGLSLLQPYA SLQEQEQGQM QSREHYQEGG YQSQYGS GC
PN

Sequence Positions

25-306, 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

56,306 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_015614159.1

NCBI GI

1002301516

NCBI GenBank Nucleotide

XM_015758673.1

NCBI GeneID

4348563

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Glutelin type-A 2 (GLUA2), Recombinant Protein

Cat *RP12351*

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)

NCBI Official Full Name

NCBI Official Symbol

LOC4348563

NCBI Official Synonym Symbols

Gt1; GLUA2; GLUA-2

NCBI Protein Information

glutelin type-A 2

UniProt Gene Name

GLUA2

UniProt Synonym Gene Names

GLUA-2; GT1

UniProt Protein Name

Glutelin type-A 2

UniProt Synonym Protein Names

Glutelin type II

UniProt Primary Accession

P07730

UniProt Secondary Accession

P07731; Q0IXU2; Q3HR07; Q7G2V6; Q7G8K6

UniProt Related Accession

P07730

UniProt Comments

Seed storage protein.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY