

Glutelin type-A 1 (GLUA1), Recombinant Protein

Cat RP12392

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 1 (GLUA1)

Product Gene Name

GLUA1 recombinant protein

Purity

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

Sequence

QQLLGQSTSQ WQSSRRGSPR ECRFDRLQAF EPIRSVRSQA GTTEFFDVSN EQFQCTGVSV VRRVIEPRGL
LLPHYTNGAS LVYIIQGRGI TGPTFPGCPE SYQQQFQQSG QAQLTESQSQ SQKFKDEHQK IHRFRQGDVI
ALPAGVAHWC YNDGEVPVVA IYVTDLNNGA NQLDPRQRDF LLAGNKRNPQ AYRREVEERS QNIFSGFSTE
LLSEALGVSS QVARQLQCQN DQRGEIVRVE HGLSLLQPYA SLQEQQEQGQV QSRERYQEGQ YQQSQYGSGC
SN

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

56,247 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_015615123.1

NCBI GI

1002232009

NCBI GenBank Nucleotide

XM_015759637.1

NCBI GeneID

4327027

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(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

LOC4327027

NCBI Official Synonym Symbols

Gt2; GLUA1; GLUA-1; glutelin

NCBI Protein Information

glutelin type-A 1

UniProt Gene Name

GLUA1

UniProt Synonym Gene Names

GLUA-1

UniProt Protein Name

Glutelin type-A 1

UniProt Synonym Protein Names

Glutelin type I

UniProt Primary Accession

P07728

UniProt Secondary Accession

P07729; Q40685; Q93Y59

UniProt Related Accession

P07728

UniProt Comments

Seed storage protein.

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