

Glutenin, high molecular weight subunit PC256, Recombinant Protein

Cat RP16638

Size 0.02 mg (E-Coli)/0.1 mg (E-Coli)/0.02 mg (Yeast)/0.1 mg (Yeast)/0.02 mg (Baculovirus)/1 mg (E-Coli)/0.02 mg

Species (Mammalian-Cell)/0.1 mg (Baculovirus)/1 mg (Yeast)/0.1 mg (Mammalian-Cell)/1 mg (Baculovirus)/0.5 mg (Mammalian-Cell)
Triticum aestivum (Wheat)

Full Product Name

Recombinant Triticum aestivum Glutenin, high molecular weight subunit PC256

Purity

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

Sequence

EKLGGQQQPR QWLQPRQGQQ GYYPTSPQQS GQGQQLGQQQ QGYPTSPQQ SGQGQQGYDS
PYHVSAEHQA ASLKVAKAQQ LAAQLPAMCR LEGGDALLAS Q

Sequence Positions

1-101, 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

10,896 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

Glutenin

NCBI Accession

P02861.1

NCBI GI

121450

NCBI Official Full Name

Glutenin, high molecular weight subunit PC256

UniProt Protein Name

Glutenin, high molecular weight subunit PC256

UniProt Primary Accession

P02861

UniProt Comments

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Size 0.02 mg (E-Coli)/0.1 mg (E-Coli)/0.02 mg (Yeast)/0.1 mg
(Yeast)/0.02 mg (Baculovirus)/1 mg (E-Coli)/0.02 mg

(Mammalian-Cell)/0.1 mg (Baculovirus)/1 mg (Yeast)/0.1 mg
(Mammalian-Cell)/1 mg (Baculovirus)/0.5 mg (Mammalian-Cell)

Glutenins are high-molecular weight seed storage proteins of wheat endosperm. It is thought to be responsible for the visco-elastic property of wheat dough.

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