

Major allergen Mal d 1 (LOC103425638), Recombinant Protein

Cat RP16060

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

Species (E-Coli)/0.1 mg (Baculovirus)/1 mg (Yeast)/0.1 mg (Mammalian-
Cell)/1 mg (Baculovirus)/0.5 mg (Mammalian-Cell)
Malus domestica (Apple) (Pyrus malus)

Full Product Name

Recombinant Malus domestica Major allergen Mal d 1

Product Gene Name

LOC103425638 recombinant protein

Purity

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

Sequence

GVYTFENEYT SEIPPPRLFK AFVLDADNLI PKIAPQAIKH AEILEGDGGP GTIKKITFGE GSQYGYVKHK
IDSVDEANYS YAYTLIEGDA LTDTIEKVS ETKLVASGSG SIKSISHYH TKGDVEIKKEE HVKAGKEKAH
GLFKLIESYL KGHPDAYN

Sequence Positions

2-159, 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

17,539 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

Major allergen

NCBI Accession

NP_001281292.1

NCBI GI

661567324

NCBI GenBank Nucleotide

NM_001294363.1

NCBI GeneID

103425638

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Full Name
major allergen Mal d 1

NCBI Official Symbol

LOC103425638

NCBI Official Synonym Symbols

Ap15; MALD1; PR-10a

NCBI Protein Information

major allergen Mal d 1

UniProt Protein Name

Major allergen Mal d 1

UniProt Synonym Protein Names

AP15; Allergen Mal d I; Allergen: Mal d 1

UniProt Primary Accession

Q40280

UniProt Secondary Accession

O22517

UniProt Related Accession

Q40280

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