
Product Data Sheet

Product Name: MALD3
Cat. No.: GP26366
Batch No.: 1

Product Data

| | | | |
|---------------------|---|--------------------|-------------------|
| Purity | >98% | Source | Sf9 insect cells. |
| Physical Appearance | solid | Shipping Condition | withIcePacks |
| Synonyms | Non-specific lipid-transfer protein, LTP, MALD3. | | |
| Formulation | MALD3 is supplied in 20mM HEPES buffer pH-8.0, 200mM NaCl and 20% glycerol. | | |

Introduction

MALD3 (a non-specific lipid transfer protein) is a major apple allergen. LTPs are found mainly in aerial plant organs such as leaves, seeds, flowers, and fruit. MALD3 is a heat-stable protein which is characterized by having resistance to pepsin hydrolysis.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Background

Recombinant Non-Specific Lipid-Transfer Protein Mal d 3 produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 12kDa. MALD3 is expressed with a 6xHis tag and purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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