
Product Data Sheet

Product Name: Tri a 14.0101

Cat. No.: GP26368

Batch No.: 1

Product Data

Purity	>98%	Source	Sf9 insect cells.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	Non-specific lipid-transfer protein, ltp142.		
Formulation	Tri a 14.0101 is supplied in 20mM HEPES buffer pH-8.0, 200mM NaCl and 20% glycerol.		

Introduction

Tri a 14.0101 is a non-specific lipid transfer protein and a major wheat allergen. Those who are sensitive to this allergen may have baker's asthma, a frequent occupational allergic disease caused mainly by inhalation of cereal flour, especially wheat flour. Tri a 14.0101 consists of 4 helical fragments and irregular C-terminal regions which are highly stable to heat treatment and proteolytic attack.

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 Tri a 14 produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 13kDa. Tri a 14.0101 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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