



Recombinant Triticum aestivum Tri a 14.0101 [His] (DAG-WT169)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Recombinant allergen Triticum aestivum Tri a 14.0101. Full-length cDNA coding for Tri a 14.0101 fused to a hexa-histidine purification tag
Purity	>80% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	13kDa
Format	Liquid
Size	1 mg
Buffer	Neutral to slightly alkaline pH and 20% glycerol
Preservative	None
Storage	Store at -70°C or below. Avoid freeze / thaw cycles

BACKGROUND

Introduction	Tri a 14.0101, a non-specific lipid transfer protein (nsLTP), is a major wheat (Triticum aestivum) allergen. Sensitization to this allergen is associated with baker's asthma, a frequent occupational allergic disease caused mainly by inhalation of cereal flour, particularly wheat flour. The protein involves four helical fragments and irregular and stable C-terminal regions which are highly stable to heat treatment and proteolytic attack.
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Keywords

Tri a 14.0101; Non-specific lipid transfer protein; nsLTP; Wheat flour
