

Recombinant *Artemisia vulgaris* Non-specific lipid-transfer protein

Catalog No: #AP77392

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Package Size: #AP77392-1 20ug #AP77392-2 100ug #AP77392-3 1mg

Description

Product Name	Recombinant <i>Artemisia vulgaris</i> Non-specific lipid-transfer protein
Brief Description	Recombinant Protein
Host Species	<i>E. coli</i>
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region: 1-37aa Sequence Info: Full Length of Mature Protein
Other Names	Pollen allergen Art v 3 Allergen: Art v 3
Accession No.	P0C088
Uniprot	P0C088
Calculated MW	3.8 kDa
Tag Info	NO-Tagged
Target Sequence	ALTCSDVSNKISPCLSYLKQGGEVPADCCAGVKGLND
Formulation	Tris-based buffer 50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C, -80°C. The shelf life of lyophilized form is 12 months at -20°C, -80°C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Plant non-specific lipid-transfer proteins transfer phospholipids as well as galactolipids across membranes. May play a role in wax or cutin deposition in the cell walls of expanding epidermal cells and certain secretory tissues

References

"Lipid-transfer proteins as potential plant panallergens: cross-reactivity among proteins of *Artemisia* pollen, *Castanea* nut and *Rosaceae* fruits, with different IgE-binding capacities."

Diaz-Perales A., Lombardero M., Sanchez-Monge R., Garcia-Selles F.J., Pernas M., Fernandez-Rivas M., Barber D., Salcedo G.
Clin. Exp. Allergy 30:1403-1410(2000) Research Topic: Others

Note: This product is for in vitro research use only