

Art v 1

Catalog No: AV01-A921H

Art v 1 is a major Mugwort weed pollen allergen responsible for causing major late summer allergies (pollinosis) in the population around the globe. Found in different isoforms with changes in the 1-6 amino acid residues, this allergen is biochemically also known as Defensin-like protein linked to the polyproline-rich region and causes IgE mediated allergic reaction in sensitive individuals. This allergen is an excellent candidate for the research & development of diagnostic tools (ELISA) and therapies (Vaccines) to treat weed pollen allergies and related complications.

Product Features



Full length
recombinant protein



Source
Artemisia vulgaris



Expression system
Tobacco plant



Tag
C terminal His-tag

Competitors



Technical Features



Purity Approx.
85% using densitometry



Aliases :
Major pollen allergen Art v 1,
Defensin-like protein linked to
polyproline-rich region



Molecular weight
~20 kDa



Purification using affinity
chromatography