

# Recombinant *Artemisia vulgaris* Major pollen allergen Art v 1 protein

**Cat. No.** Major pollen allergen Art v 1-565A    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant <i>Artemisia vulgaris</i> Major pollen allergen Art v 1 was expressed in <i>E. coli</i> .                                                                                                                                                                             |
| <b>Species</b>          | <i>Artemisia vulgaris</i>                                                                                                                                                                                                                                                         |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | Art v 1a-GAM is the recombinant protein described above digested with r-TEV Protease (GAM-ArtV1; ~11 Kda).                                                                                                                                                                        |
| <b>Molecular Mass</b>   | ~11,059.3 Dalton                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 95%                                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | When stored at -20 centigrade the quality of the material will be maintained for several years. However, for short periods (max. 3 weeks) the lyophilized product may be kept at room temperature. After reconstitution store at -20 centigrade. Avoid repeated freezing/thawing. |
| <b>Concentration</b>    | 1 mg/ml                                                                                                                                                                                                                                                                           |
| <b>Reconstitution</b>   | The material can be reconstituted with distilled water (or equivalent) or dilute buffers. Addition of 1-2 mM -Mercaptoethanol is recommended. If reconstituted to a concentration of 1 mg/ml, the phosphate buffer concentration will be 2 mM (pH 7,4).                           |

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The product is soluble to more than 95% at a concentration of 2 mg/ml.

## GENE INFORMATION

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|------------|--------|
| UniProt ID | Q84ZX5 |
|------------|--------|

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