

## Pollen allergen Phl p 2 Protein, Phleum pratense (HEK293, His)

Cat. No.:	HY-P73703
Synonyms:	Pollen allergen Phl p 2; PHLPII
Species:	Others
Source:	HEK293
Accession:	P43214
Gene ID:	/
Molecular Weight:	Approximately 13.1 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	Pollen allergen Phl p 2 exhibits specific expression patterns, particularly within the context of pollen. Its expression is intricately tied to the reproductive structures of plants, emphasizing its role in the context of pollination. The specificity of Phl p 2 expression suggests a targeted function related to pollen biology and the intricate processes associated with plant reproduction.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA