

Recombinant Phleum pratense PHLPI protein

Cat. No. PHLPI-371P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Phleum pratense PHLPI was expressed in E. coli.
Species	Phleum pratense
Source	E.coli
Description	Phl p 1 is a recombinant protein with IgE-binding capacity. It was produced by heterologous expression in E. coli, purified by conventional biochemical methods, and lyophilized from phosphate buffer (pH 7.5).
Form	Lyophilized from phosphate buffer (pH 7.5)
Molecular Mass	~26,157 Dalton
Purity	> 93%
Storage	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.
Concentration	1 mg/ml
Reconstitution	To achieve satisfactory solubilization of at least 95% we strongly recommend to use the following procedure: Suspend the protein to a concentration of 1 mg/ml with

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distilled water (or equivalent) containing 1-2 mM -mercaptoethanol and support physical suspension by either vortexing or working the suspension through a fine-bore pipet tip. Then incubate the suspension for 2 - 20 h at 4 centigrade with gentle agitation to allow a complete reconstitution of the protein. If reconstituted to 1 mg/ml the concentration of PO₄ will be 2 mM. Please, note that the solubility of the protein is strongly reduced in solvents with salt concentration above 20 mM. Salt may be added after reconstitution.

GENE INFORMATION

UniProt ID	P43213
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