

Recombinant Phleum pratense Phlp5 protein

Cat. No. Phlp5-373P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Phleum pratense Phlp5 was expressed in E. coli.
Species	Phleum pratense
Source	E.coli
Description	Phl p 5 is a lyophilized, recombinant protein with IgE-binding capacity. It was produced by heterologous expression in E. coli, purified by conventional biochemical methods.
Form	lyophilized from sodium phosphate buffer (Ph 7.4)
Molecular Mass	~28,585 Dalton
Purity	> 99%
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	The material should be reconstituted with distilled water (or equivalent) or dilute buffers. Do not use salt concentrations exceeding 20 mM to dissolve the lyophilized

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material. Salt may be added after dissolution. Gentle agitation during dissolution is essential, afterwards incubate for 30 min to allow a complete reconstitution of the protein. If reconstituted with distilled water to a concentration of 1 mg/ml, the phosphate concentration will be 4 mM. At this concentration, the product is soluble to more than 99%.

GENE INFORMATION

UniProt ID	Q40960
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