

## Recombinant Phleum pratense Phlp5 protein

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Phleum pratense Phlp5 was expressed in E. coli.                                                                                                                                                                                                                       |
| <b>Species</b>          | Phleum pratense                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | 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.                                                                                                     |
| <b>Form</b>             | lyophilized from sodium phosphate buffer (Ph 7.4)                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | ~28,585 Dalton                                                                                                                                                                                                                                                                    |
| <b>Purity</b>           | > 99%                                                                                                                                                                                                                                                                             |
| <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 should be reconstituted with distilled water (or equivalent) or dilute buffers. Do not use salt concentrations exceeding 20 mM to dissolve the lyophilized                                                                                                           |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 |
|------------|--------|

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA