

## Active Recombinant Human BPI, Fc Chimera

**Cat. No.** BPI-175H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human BPI (Accession # AAA51841) was produced in Human embryonic kidney cell, HEK293-derived.                                                                                                             |
| <b>Species</b>              | Human                                                                                                                                                                                                                 |
| <b>Source</b>               | HEK293                                                                                                                                                                                                                |
| <b>Predicted N Terminal</b> | Val32                                                                                                                                                                                                                 |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                                                    |
| <b>Bio-activity</b>         | Measured by its ability to inhibit LPS-induced IL-8 secretion by THP-1 human acute monocytic leukemia cells. Wilde, C.G. et al. (1994) J. Biol. Chem. 269:17411. The ED50 for this effect is typically 0.4-2.4 ng/mL. |
| <b>Molecular Mass</b>       | Recombinant Human BPI, Fc Chimera has a calculated MW of 77.3 kDa (monomer). In SDS-PAGE migrates as 75-85 kDa, reducing conditions.                                                                                  |
| <b>Purity</b>               | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                           |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).                         |

### GENE INFORMATION

 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

|                            |                                                                                                                                                                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | BPI bactericidal/permeability-increasing protein [ Homo sapiens ]                                                                                                                                                                         |
| <b>Official Symbol</b>     | BPI                                                                                                                                                                                                                                       |
| <b>Synonyms</b>            | BPI; bactericidal/permeability-increasing protein; bactericidal permeability-increasing protein; BPI fold containing family D; member 1; BPIFD1; CAP 57; recombinant BPI holoprotein, rBPI; BPI fold containing family D, member 1; rBPI; |
| <b>Gene ID</b>             | 671                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>         | NM_001725                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>      | NP_001716                                                                                                                                                                                                                                 |
| <b>MIM</b>                 | 109195                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>          | P17213                                                                                                                                                                                                                                    |
| <b>Chromosome Location</b> | 20q11.23                                                                                                                                                                                                                                  |

 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