

## Recombinant Human Interleukin-17 Reference Standard

**Cat. No.** IL17-04HRS    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>Species</b>   | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>    | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Tag</b>       | Non                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>      | Freeze dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Stability</b> | Accelerated degradation studies have indicated that this material is suitably stable, when stored at -20°C or below, for the assigned values to remain valid until the material is withdrawn or replaced. These studies have also shown that the material is suitably stable for shipment at ambient temperature without any effect on the assigned values. Once reconstituted, diluted or aliquoted, users should determine the stability of the material according to their own method of preparation, storage and use. |
| <b>Usage</b>     | This standard is the primary biological standard for Interleukin-17 (IL-17).                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Storage</b>   | For economy of use, it is recommended that the solution be sub divided into several small aliquots and stored at -40°C or below. Avoid repeated freezing/thawing. Unopened ampoules should be stored at -20°C.                                                                                                                                                                                                                                                                                                            |
| <b>contents</b>  | Each ampoule contains the residue after freeze-drying of 1.0 ml of a solution                                                                                                                                                                                                                                                                                                                                                                                                                                             |

 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



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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                        | comprising:<br>IL-17 approximately 1 microgram<br>9.0 mg sodium chloride<br>1.0 mg trehalose<br>2.0 mg human serum albumin                                                                                                                                                                                                  |
| <b>Shipping</b>        | Because of the inherent stability of lyophilized material, may ship these materials at ambient temperature.                                                                                                                                                                                                                 |
| <b>UNITAGE</b>         | The preparation is therefore established as the WHO Reference Reagent for IL-17 for bioassay, with an assigned potency of 10,000 Units per ampoule.                                                                                                                                                                         |
| <b>USE OF MATERIAL</b> | No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution. Dissolve the total contents of the ampoule in 1.0 ml of sterile distilled water. This solution will contain IL-17 at a concentration of 10,000 Units/ml. Use carrier protein where extensive dilution is required. |