

Recombinant Human IL-17F








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

Rev. 1.00

| | | | |
|---------------------------------------|---|---------|---------|
| Catalog Number: | PHC9554 | PHC9551 | PHC9553 |
| Quantity: | 10 µg | 100 µg | 1mg |
| Lot Number: | See product label. | | |
| Molecular Weight: | 38 kDa, homo dimer, glycosylated. | | |
| Purity: | > 90% as determined by SDS-PAGE analysis | | |
| Biological Activity: | ED ₅₀ range = 100–500 ng/mL, determined by the dose dependent induction of IL-6 secretion from NDHF adult fibroblasts. | | |
| Formulation: | Lyophilized in 10 mM Tris-HCl pH7.4, 250 mM NaCl, carrier free. | | |
| Sterility: | Filtered prior to lyophilization through a 0.22 micron filter. | | |
| Endotoxin: | <1 EU/µg | | |
| Production: | Recombinant human IL-17F is expressed in human cell expression system and purified via sequential chromatography. | | |
| Reconstitution Recommendation: | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute lyophilized recombinant human IL-17F in PBS containing 0.1% human serum albumin. Further dilutions should be made in low endotoxin medium or a buffered solution containing a carrier protein such as heat inactivated FCS or tissue culture grade BSA. | | |
| Suggested Working Dilutions: | The optimal concentration should be determined for each specific application. | | |
| Storage: | Store this lyophilized preparation at ≤ -20°C, preferably desiccated. Upon reconstitution, apportion into working aliquots and store at ≤ -20°C. Avoid repeated freeze/thaw cycles. | | |
| Expiration Date: | Expires one year from date of receipt when stored as instructed. | | |
| References: | <p>Yang, X.O., S.H. Chang, H. Park, R. Nureiva, B. Shah, L. Acero, Y.H. Wang, K.S. Schluns, R.R. Broaddus, Z. Zhu, and C. Dong (2008) J. Exp. Med. 205:1063–1675.</p> <p>Bettelli, E., T. Kom, M. Oukka, and V.K. Kuchroo (2008) Induction and effector functions of T(H)17 cells. Nature 453:1051–1057.</p> | | |

Explanation of Symbols

The symbols present on the product label are explained below:

| Symbol | Description |
|---|---|
|  | Catalog Number |
|  | Research Use Only |
|  | Use by |
|  | Manufacturer |
|  | Without, does not contain |
|  | Protect from light |
|  | Directs the user to consult instructions for use (IFU), accompanying the product. |

| Symbol | Description |
|---|--|
|  | Batch code |
|  | In vitro diagnostic medical device |
|  | Temperature limitation |
|  | European Community authorized representative |
|  | With, contains |
|  | Consult accompanying documents |

Limited Use Label License: Research Use Only

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