

## Recombinant Human IL17B/IL-17B Protein (Fc Tag)

**Catalog No.** PKSH033628

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

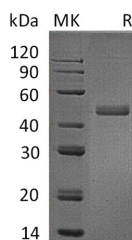
### Description

|                                    |                            |
|------------------------------------|----------------------------|
| <b>Synonyms</b>                    | IL-17B;IL-20;NIRF;ZCYTO7   |
| <b>Species</b>                     | Human                      |
| <b>Expression Host</b>             | HEK293 Cells               |
| <b>Sequence</b>                    | Gln21-Phe180               |
| <b>Accession</b>                   | Q9UHF5                     |
| <b>Calculated Molecular Weight</b> | 45.1 kDa                   |
| <b>Observed molecular weight</b>   | 48 kDa                     |
| <b>Tag</b>                         | C-Fc                       |
| <b>Bioactivity</b>                 | Not validated for activity |

### Properties

|                       |   |
|-----------------------|---|
| <b>Purity</b>         | > 95 % as determined by reducing SDS-PAGE.  |
| <b>Endotoxin</b>      | < 1.0 EU per µg of the protein as determined by the LAL method.   |
| <b>Storage</b>        | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.                         |
| <b>Shipping</b>       | This product is provided as lyophilized powder which is shipped with ice packs.   |
| <b>Formulation</b>    | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.<br>Please refer to the specific buffer information in the printed manual. |
| <b>Reconstitution</b> | Please refer to the printed manual for detailed information.  |

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

Interleukin-17B (IL-17B) is a member of IL-17 cytokines family that plays important roles in host defence responses and inflammatory diseases. In addition to IL-17B, members of the IL-17 family include IL-17A, IL-17C, IL-17D, IL-17E and

### For Research Use Only

IL-17F. The six IL-17 cytokines are highly conserved at C terminus, and contain five spatially conserved cysteine residues that mediate dimerization. Expression of IL-17B protein has been reported in neurons, testis, ovary, stomach, pancreas, small intestine and chondrocytes. IL-17B binds to Interleukine-17 receptor B (IL-17 RB) and induces the production of inflammatory cytokines and the infiltration of inflammatory immune cells.