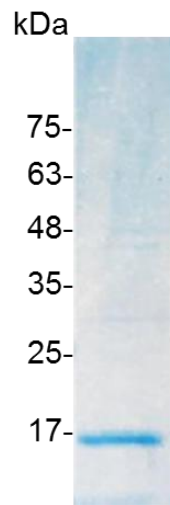


| | |
|--------------------------------|--|
| Catalog number | C01020-5UG / C01020-20UG / C01020-100UG |
| Package | 5 µg / 20 µg / 100 µg |
| Description | The interleukin (IL)-17 superfamily, a relatively new family of cytokines, consists of six ligands (from IL-17A to IL-17F), which bind to five receptor subtypes (from IL-17RA to IL-17RE) and induce downstream signaling. L17B Diseases associated with IL17B include spondyloarthritis and neuronitis, and among its related super-pathways are Mucin expression in CF via IL-6, IL-17 signaling pathways, and STAT3 Pathway. |
| Source | <i>Escherichia coli</i> |
| Sequence | MQPRSPKSKRKGQGRPGPLAPGHQVPLDLVSRMKPYARMEEYERNIEEMVA QLRNSSELAQRKCEVNLQLWMSNKRSLSPWGYSINHDPSPRIPVDLPEARCLCL GCVNPFTMQEDRSMVSVFVSQVPVRRRLCPPPPRTGPCRQRAVAVGVC TCIF with polyhistidine tag at the C-terminus |
| Endotoxin level | <0.1 EU per 1 µg of the protein by the LAL method. |
| Activity | Measure by its ability to induce IL-8 secretion in human PBMCs. The ED ₅₀ for this effect is <49 ng/mL. |
| Purity | >98% as determined by SDS-PAGE. |
| Form | Lyophilized |
| Storage Buffer | Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0. |
| Reconstitution | It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved. |
| Stability & Storage | This product is stable after storage at: <ul style="list-style-type: none"> -20°C for 12 months in lyophilized state from date of receipt. -20°C or -80°C for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles. |



SDS-PAGE analysis of recombinant human IL-17B

For research use only.