

PRODUCT INFORMATION  
**IL-17B (Interleukin-17B), Human**

<b>Catalog number</b>	C01020-5UG / C01020-20UG / C01020-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	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. IL-17B Diseases associated with IL-17B 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.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	MQPRSPKSKRKGQGRPGPLAPGPHQVPLDLVSRMKPYARMEEYERNIEEMVA QLRNSSELAQRKCEVNLQLWMSNKRSLSPWGYSINHDPSRIPVDLPEARCLCL GCVNPFTMQEDRSMVSPVFSQVPVRRRLCPPPPRTGPCRQRAVMETIAVGC TCIF with polyhistidine tag at the C-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Activity</b>	Measure by its ability to induce IL-8 secretion in human PBMCs. The ED <sub>50</sub> for this effect is <49 ng/mL.
<b>Purity</b>	>98% as determined by SDS-PAGE. Ni-NTA chromatography
<b>Formulation</b>	The protein was lyophilized from a solution containing 1X PBS, pH 8.0.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Note</b>	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human IL-17B

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