

RMCH019

Recombinant IL-17B (Interleukin-17B), Human , AF

 5ug;20ug;100ug;500ug;

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Synonym/Alternative name(s) : NIRF, Cytokine ZCYTO7**Activity:**

Measure by its ability to induce IL-8 secretion in human PBMCs.

The ED50 for this effect is <49 ng/mL.

Protein 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.

Protein Accession : Q9UHF5.1**Gene ID :** 27190**Expression Sequence:**

MQPRSPKSKRKGQGRGPLAPGPHQVPLDLVSRMKPYARMEEYERNIEEMVAQLRNSSSELAQRKCEVNLQLWMSNKRSLSPWGYSI
NHDPSRIPVDLPEARCLCLGCVNPFMTQEDRSMVSVPVFSQVPPVRRRLCPPPPRTGPCRQRAVMETIAVGCTCIF with polyhistidine
tag at the C-terminus.

Fusion tag : His-tag?at?the?C-terminus**Species :** Human**Reactivity :** Human**Expression Host :** Escherichia coli**Source :** E. coli**Purity/method:**

>98% as determined by SDS-PAGE. Ni-NTA chromatography

Endotoxin level:

<0.1 EU per 1 µg of the protein by the LAL method.

Calculated Molecular Weight : 19.09 kDa**Formulation:**

The protein was lyophilized from a solution containing 1X PBS, pH 8.0.

Reconstitution:

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping : Blue Ice**Stability and Storage:**

Lyophilized protein should be stored at -20°C for 1 year.

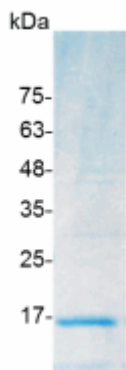
Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

Category : Cytokines

Application : Cell culture, Elisa

Image:



SDS- PAGE analysis of recombinant human IL-17B