

# Human IL 17B Recombinant Protein



RPPB0599

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## Product Information    Protein Information

**Product SKU:**

RPPB0599

**Accession:**

Q9UHF5

**Host:**

Escherichia Coli.

**Protein description:**

Interleukin-17B Human Recombinant produced in E.Coli is a homodimeric, non-disulfide-linked polypeptide chain containing a total of 322 amino acids (2 chains of 161aa) and having a molecular mass of 36.5kDa. The IL-17B is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Interleukin-17B, IL-17B, Cytokine Zcyto7, Interleukin-20, Neuronal interleukin-17-related factor, IL20, NIRF, ZCYTO7.

**Formulation:**

Interleukin-17B was Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH7.4, 0.05% Tween-20 and 3%Trehalose.

**Purity:**

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Interleukin 17B in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized Interleukin 17B although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution IL17B should be stored at 4C between 2-7 days and for future use below -18C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

MQPRSPKSKR KGQGRPGPLA PGPHQVPLDL VSRMKPYARM EEYERNIEEM VAQLRNSSSEL AQRKCEVNLIQ  
LWMSNKRSL S PWGYSINHDP SRIPVDLPEA RCLCLGCVNP FTMQEDRSMV SVPVFSQVPV RRRLCPPPPR  
TGPCRQRAVM ETIAVGCTCI F.

**Biological Activity:**

The ED50 as determined by inducing IL-8 secretion of human HepG2 cells is less than 1.0µg/ml, corresponding to a specific activity of > 1000 IU/mg.