

Human IL-17B

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

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1566.950.005		
25 µg	1566.950.025		
1 mg	1566.950.199		

Please enquire for bulk quantities and other vial sizes

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.

- **Biological Activity** $\geq 1 \times 10^3$ IU/mg
- **Source** *E. Coli*
- **Purity** $\geq 95\%$ (SDS-PAGE, RP-HPLC)
- **Endotoxin level** $\leq 0.1\text{ng}/\mu\text{g}$ ($\leq 1\text{EU}/\mu\text{g}$)
- **Buffer** Interleukin-17B was Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH7.4, 0.05% Tween-20 and 3%Trehalose*
- **Physical state** Sterile filtered, lyophilized

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.

Reconstitution

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 avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

MQPRSPKSKR KGQGRPGPLA PGPHQVPLDL VSRMKPYARM EYEYRNIEEM VAQLRNSSEL AQRKCEVNLO
 LWMSNKRSL S PWGYSINHDP SRIPVDLPEA RCLCLGCVNP FTMQEDRSMV SVPVFSQVPV RRRLCPPPPR
 TGPCRQRAVM ETIAVGCTCI F

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING
 Tel.: +49 40 43208448-0
 order@active-bioscience.de
 www.active-bioscience.de

TECHNICAL SUPPORT
 Tel.: +49 40 43208448-11
 support@active-bioscience.de

Active Bioscience GmbH
 Oberaltenallee 8
 D-22081 Hamburg
 HRB 98170 Amtsgericht Hamburg