

Human IL17B protein, His tag (active)

Cat. No. GTX00134-pro

Applications Functional Assay**Species** Human**Package**

10 µg

Applications

Application Note

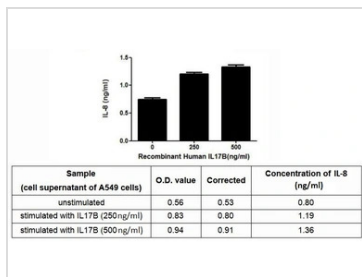
IL17B (Interleukin-17B) is a T cell-derived cytokine that shares sequence similarity with IL17, which has been proven to mediate potent inflammatory immune response. Besides, increasing evidence suggests that IL17 may play a critical role in various kinds of liver diseases, including hepatocellular carcinoma. Thus a stimulation assay has been conducted to detect the bioactivity of IL17B. HepG2 cells were seeded into 24-well plate at a density of 1×10^5 cells/ml, and allowed to attach overnight before treated with or without certain concentrations (250 ng/ml, 500 ng/ml) of IL17B for 20h and IL-8 levels in the cell supernatant were determined by ELISA.

Observed MW (kDa) 20 kDa.

Properties

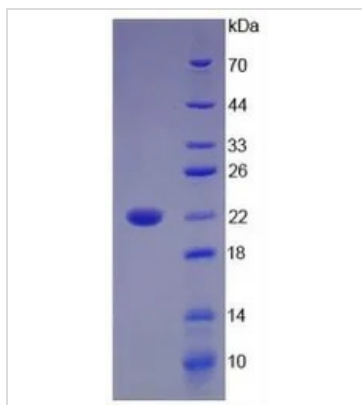
Form Lyophilized powder**Buffer** Reconstitute with 20mM Tris and 150mM NaCl to 0.1-1.0mg/ml. Do not vortex. Lyophilized from 20mM Tris, 150mM NaCl, 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose.**Preservative** ProClin 300**Storage** For short-term storage (1-2 weeks), store at 4°C. For long-term storage, store at -20°C or below. After reconstitution, keep as concentrated solution. Avoid freeze-thaw cycles.**Region/Sequence** N-terminal His-Tag; Gln21~Phe180 (NP_001304916.1)**Expression System** E. coli**Purity** > 95%**Endotoxin** < 1 EU/µg**Conjugation** Unconjugated**Note** For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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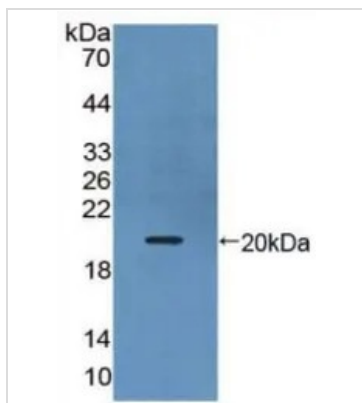
DATA IMAGES

GTX00134-pro Functional Assay Image

ELISA detection of secreted IL-8 protein activation from A549 cells induced by GTX00134-pro Human IL17B protein (active) for 20hrs.

Recombinant protein concentrations: 250, and 500 ng/ml.


GTX00134-pro Image

SDS-PAGE analysis of GTX00134-pro Human IL17B protein (active).


GTX00134-pro Image

WB analysis of GTX00134-pro Human IL17B protein (active).



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