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Product Datasheet

Human IL17B protein, His tag (active), Unconjugated GTX00134-PRO

Article Name	Human IL17B protein, His tag (active), Unconjugated
Biozol Catalog Number	GTX00134-PRO
Supplier Catalog Number	GTX00134-pro
Alternative Catalog Number	GTX00134-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Human
Conjugation	Unconjugated
NCBI	27190
UniProt	Q9UHF5
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, ProClin 300.
Expression System	E. coli
Form	Lyophilized powder
Sequence	N-terminal His-Tag, Gln21~Phe180 (NP_001304916.1)

Application Notes

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*10⁵ 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.