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Product Datasheet

Human IL17 Receptor beta protein, His tag, Unconjugated GTX00144-PRO

Article Name	Human IL17 Receptor beta protein, His tag, Unconjugated
Biozol Catalog Number	GTX00144-PRO
Supplier Catalog Number	GTX00144-pro
Alternative Catalog Number	GTX00144-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Human
Conjugation	Unconjugated
NCBI	55540
UniProt	Q9NRM6
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, Asp61~Thr200 (NP_061195.2)

Application Notes

IL17RB (Interleukin-17 receptor B) is a receptor for the proinflammatory cytokines IL17B (Interleukin-17B) and IL17E (Interleukin-17E). This receptor has been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E. Thus a binding ELISA assay was constructed to detect the association of recombinant human IL17RB with recombinant human IL17B. Briefly, IL17RB were diluted serially in PBS, with 0.01% BSA (pH 7.4). Duplicate samples of 100 μ l were then transferred to IL17B-coated microtiter wells and incubated for 2h at 37C. Wells were washed with PBST and incubated for 1h with anti-IL17RB pAb, then aspirated and washed 3 times. After incubation with HRP labelled secondary antibody, wells were aspirated and washed 3 times. With the addition of substrate solution, wells were incubated 15-25 minutes at 37C. Finally, add 50 μ l stop solution to the wells and read at 450nm immediately. The binding activity of IL17RB with IL17B was in a dose dependent manner.