

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Human IL17A protein, His tag, Unconjugated GTX00090-PRO

Article Name	Human IL17A protein, His tag, Unconjugated
Biozol Catalog Number	GTX00090-PRO
Supplier Catalog Number	GTX00090-pro
Alternative Catalog Number	GTX00090-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Human
Conjugation	Unconjugated
NCBI	3605
UniProt	Q16552
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, Ile20~Ala155 (NP_002181.1)

Application Notes

IL17 (interleukin 17) is a member of IL17 cytokine family, which is a proinflammatory cytokine produced by activated T cells. This cytokine regulates the activities of NF-kappaB and mitogen-activated protein kinases. It is reported that IL17 is a ligand for IL17RA, indicating its interaction with IL17RA. Thus, a binding ELISA assay was constructed to detect the association of recombinant human IL17 with recombinant human IL17RA. Briefly, IL17 were diluted serially in PBS with 0.1% BSA (pH 7.4). Duplicate samples of 100 µl were then transferred to IL17RA-coated microtiter wells and incubated for 2h at 37C. Wells were washed with PBST and incubated for 1h with anti-IL17 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 µl stop solution to the wells and read at 450nm immediately. The binding activity of IL17 with IL17RA was in a dose dependent manner.