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Product Datasheet

Human IL17 Receptor C protein, His tag, Unconjugated GTX00143-PRO

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| Article Name | Human IL17 Receptor C protein, His tag, Unconjugated |
| Biozol Catalog Number | GTX00143-PRO |
| Supplier Catalog Number | GTX00143-pro |
| Alternative Catalog Number | GTX00143-PRO-10 |
| Manufacturer | GeneTex |
| Category | Proteine/Peptide |
| Application | FA |
| Species Reactivity | Human |
| Conjugation | Unconjugated |
| NCBI | 84818 |
| UniProt | Q8NAC3 |
| Buffer | Reconstitute with 10mM PBS (pH7.4) to 0.1-1.0mg/ml. Do not vortex. Lyophilized from PBS (pH7.4), 0.01% SKL, 1mM DTT, 5% Trehalose, ProClin 300. |
| Expression System | E. coli |
| Form | Lyophilized powder |
| Sequence | N-terminal His-Tag, Asn257~Asn477 (NP_001190192.1) |

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| Application Notes | <p>IL17RC (Interleukin-17 receptor C) is a receptor for IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RA. This protein is expressed in nonhemopoietic tissues, and binds both IL-17A and IL-17F with similar affinities. A binding ELISA assay was conducted to detect the association of IL17RC with IL17RA. Briefly, IL17RC were diluted serially in PBS with 0.01% 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-IL17RC 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 IL17RC with IL17RA was in a dose dependent manner.</p> |
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