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## Product Datasheet

### Human IL17E protein, His tag, Unconjugated GTX00133-PRO

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|----------------------------|---|
| Article Name               | Human IL17E protein, His tag, Unconjugated  |
| Biozol Catalog Number      | GTX00133-PRO  |
| Supplier Catalog Number    | GTX00133-pro  |
| Alternative Catalog Number | GTX00133-PRO-10   |
| Manufacturer               | GeneTex   |
| Category                   | Proteine/Peptide  |
| Application                | FA  |
| Species Reactivity         | Human   |
| Conjugation                | Unconjugated  |
| NCBI                       | <a href="#">64806</a>   |
| UniProt                    | <a href="#">Q9H293</a>  |
| 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, Met28~Gly177 (NP_073626.1)  |

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|-------------------|--|
| Application Notes | <p>IL25 (Interleukin-25), also known as IL17E, is reported to induce NF-kappaB activation, and stimulate the production of IL-8. Besides, this cytokine shares the sequence similarity with IL17, which is considered as a ligand for IL17RA. Thus, a binding ELISA assay was conducted to detect the association of recombinant human IL25 with IL17RA. Briefly, IL25 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-IL25 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 IL25 with IL17RA was in a dose dependent manner.</p> |
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