

Human IL17 Receptor C protein, His tag

Cat. No. GTX00143-pro

Application Functional Assay**Species** Human**Package**

10 µg

APPLICATION

Application Note

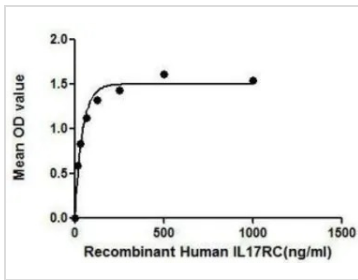
IL17RC (Interleukin-17 receptor C) is a receptor for IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RA. This protein is expressed in nonhemopoietic tissues, and binds both IL-17A and IL-17F with similar affinities. A binding ELISA assay was conducted to detect the association 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 37°C. 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 37°C. 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.

Observed MW 26 kDa.

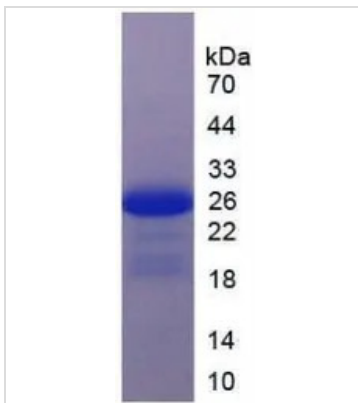
PROPERTIES

Form Lyophilized powder**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.**Preservative** ProClin 300**Storage** For short-term storage (1-2 weeks), store at 4°C. For long-term storage, store at -20°C or below. After reconstitution, keep as concentrated solution. Avoid freeze-thaw cycles.**Region/Sequence** N-terminal His-Tag; Asn257~Asn477① (NP_001190192.1)**Expression System** E. coli**Purity** > 97%**Endotoxin** < 1 EU/µg**Conjugation** Unconjugated**Note** For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

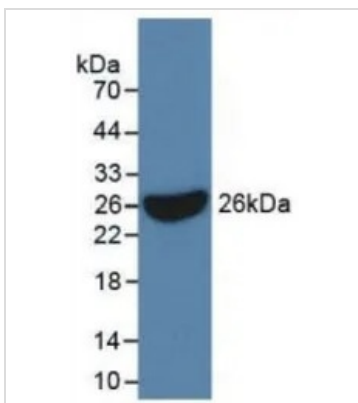
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DATA IMAGES

GTx00143-pro Functional Assay Image

Functional ELISA analysis of GTx00143-pro Human IL17 Receptor C protein which can bind immobilized IL17RA protein.


GTx00143-pro Image

SDS-PAGE analysis of GTx00143-pro Human IL17 Receptor C protein.


GTx00143-pro Image

WB analysis of GTx00143-pro Human IL17 Receptor C protein.



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