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Product Datasheet

Human IL10 Receptor beta protein, His tag, Unconjugated GTX00131-PRO

Artikelname	Human IL10 Receptor beta protein, His tag, Unconjugated
Artikelnummer	GTX00131-PRO
Hersteller Artikelnummer	GTX00131-pro
Alternativnummer	GTX00131-PRO-10
Hersteller	GeneTex
Kategorie	Proteine/Peptide
Applikation	FA
Spezies Reaktivität	Human
Konjugation	Unconjugated
NCBI	3588
UniProt	Q08334
Puffer	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
Formulierung	Lyophilized powder
Sequenz	N-terminal His-Tag, Leu87~Ala243 (NP_000619.3)

Anwendungsbeschreibung

IL10Rb (Interleukin-10 receptor subunit beta) belongs to the cytokine receptor family. It is an accessory chain essential for the active interleukin 10 receptor complex, which is a cell surface receptor required for the activation of several cytokines, including IL10. Thus, a binding ELISA assay was conducted to detect the interaction of IL10Rb and IL10. Briefly, recombinant human IL10RB were diluted serially in PBS, with 0.01% BSA (pH 7.4). Duplicate samples of 100 μ l were then transferred to IL10-coated microtiter wells and incubated for 2h at 37C. Wells were washed with PBST and incubated for 1h with anti-IL10Rb 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 IL10Rb and IL10 was in a dose dependent manner.