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Product Datasheet

Mouse IL6 Receptor protein, His tag, Unconjugated GTX00297-PRO

Article Name	Mouse IL6 Receptor protein, His tag, Unconjugated
Biozol Catalog Number	GTX00297-PRO
Supplier Catalog Number	GTX00297-pro
Alternative Catalog Number	GTX00297-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Mouse
Conjugation	Unconjugated
NCBI	16194
UniProt	P22272
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, Ala52~Ala204 (NP_034689.2)

Application Notes

IL6R (Interleukin-6 receptor subunit alpha) is part of the receptor for interleukin 6. The interaction of IL6R and IL6 may lead to the regulation of the immune response, acute-phase reactions and hematopoiesis. Thus, a binding ELISA assay was conducted to detect the association of IL6R with IL6. Briefly, IL6R were diluted serially in PBS with 0.01% BSA (pH 7.4). Duplicate samples of 100 µl were then transferred to IL6-coated microtiter wells and incubated for 2h at 37C. Wells were washed with PBST and incubated for 1h with anti-IL6R 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 IL6R with IL6 was in a dose dependent manner.