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Product Datasheet

Mouse IL6 protein, His tag (active), Unconjugated GTX00286-PRO

Article Name	Mouse IL6 protein, His tag (active), Unconjugated
Biozol Catalog Number	GTX00286-PRO
Supplier Catalog Number	GTX00286-pro
Alternative Catalog Number	GTX00286-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Mouse
Conjugation	Unconjugated
NCBI	16193
UniProt	P08505
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	HEK293 cells
Form	Lyophilized powder
Sequence	N-terminal His-Tag, Phe25~Thr211 (NP_001300983.1)

Application Notes	Interleukin-6 (IL-6), a pro-inflammatory cytokine and an anti-inflammatory myokine, plays important roles in the acute phase reaction, inflammation, hematopoiesis, bone metabolism, and cancer progression. It has been reported that IL6 induces C-reactive protein (CRP) expression through the STAT3 pathway in HepG2 cells. To test this effect, HepG2 cells were seeded overnight at a density of 1×10^5 cells/ml, and treated with or without various concentrations of IL6 for 24h and CRP levels in the cell supernatant were determined by ELISA. CRP levels in the cell supernatant of HepG2 cells increased significantly after stimulated with IL6.
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