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Product Datasheet

Mouse TNF alpha protein, His tag (active), Unconjugated GTX00287-PRO

Article Name	Mouse TNF alpha protein, His tag (active), Unconjugated
Biozol Catalog Number	GTX00287-PRO
Supplier Catalog Number	GTX00287-pro
Alternative Catalog Number	GTX00287-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Mouse
Conjugation	Unconjugated
NCBI	21926
UniProt	P06804
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, Leu80~Leu235 (NP_001265530.1)

Application Notes	TNF-α (Tumor necrosis factor), being an endogenous pyrogen, is able to induce fever, apoptotic cell death, inflammation and inhibit tumorigenesis. As reported, TNFα could inhibit the proliferation and induce apoptosis of A549 cells, and the concentration of IL-1β in cell supernatant will increase after stimulation. A549 cells were incubated in DMEM with TNFα (1 ng/ml, 10 ng/ml) for 2h, 4h, 8h, 24h, 48h, then cells were observed by inverted microscope.
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