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Product Datasheet

Mouse TNF alpha protein, His tag (active), Unconjugated GTX00288-PRO

Article Name	Mouse TNF alpha protein, His tag (active), Unconjugated
Biozol Catalog Number	GTX00288-PRO
Supplier Catalog Number	GTX00288-pro
Alternative Catalog Number	GTX00288-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	HEK293 cells
Form	Lyophilized powder
Sequence	N-terminal His-Tag, Gly57~Leu235 (NP_001265530.1)

Application Notes	TNF-a (Tumor necrosis factor), being an endogenous pyrogen, is able to induce fever, necrosis, inflammation and to inhibit tumorigenesis. As reported, TNF-a could inhibit the proliferation and induce necrosis of A549 cells, and the concentration of IL-1beta in cell supernatant will increase after stimulation. Therefore, A549 cells were incubated in DMEM with TNFa (1 ng/ml, 10 ng/ml) for 2h, 4h, 8h, 24h, 48h, then cells were observed by inverted microscope. Cell necrosis after incubation with TNF-a (10 ng/ml) for 72h.
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