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Product Datasheet

Mouse IL2 protein, His tag (active), Unconjugated GTX00285-PRO

Article Name	Mouse IL2 protein, His tag (active), Unconjugated
Biozol Catalog Number	GTX00285-PRO
Supplier Catalog Number	GTX00285-pro
Alternative Catalog Number	GTX00285-PRO-10
Manufacturer	GeneTex
Category	Proteine/Peptide
Application	FA
Species Reactivity	Mouse
Conjugation	Unconjugated
NCBI	16183
UniProt	P04351
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, Ala21~Gln169 (NP_032392.1)

Application Notes	Interleukin-2 (IL-2), the main lymphokine produced by activated CD4 T-helper lymphocytes, is a potent T-cell growth regulator. In addition to this activity, IL-2 was found to decrease the proliferation of 3T3 fibroblasts in time- and dose-dependent manner. Thus 3T3 cells were seeded overnight at a density of 5000 cells/well, and treated with or without various concentrations of IL2 for 48h, then 3T3 cells were observed by inverted microscope. The inhibitory effect of IL-2 on cell proliferation of 3T3 cells observed by inverted microscope. IL2 significantly decreased cell growth of 3T3 cells, and the ED50 for this effect is typically 9.876-13.35 ng/ml.
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