# antibodies -online.com







### **IGF1 Protein**





#### Overview

Quantity:	20 μg
Target:	IGF1
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Functional Studies (Func)

### **Product Details**

Characteristics:	Recombinant Mouse IGF1
Purity:	>95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU of endotoxin/µg of protein

### **Target Details**

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Target:	IGF1
Alternative Name:	IGF1 (IGF1 Products)
Molecular Weight:	7,9
UniProt:	P05017
Pathways:	RTK Signaling, Intracellular Steroid Hormone Receptor Signaling Pathway, Peptide Hormone

Metabolism, Hormone Activity, Regulation of Intracellular Steroid Hormone Receptor Signaling,

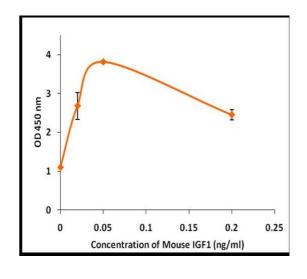
Regulation of Hormone Metabolic Process, Regulation of Hormone Biosynthetic Process, Stem Cell Maintenance, Glycosaminoglycan Metabolic Process, Regulation of Carbohydrate Metabolic Process, Autophagy, Smooth Muscle Cell Migration, Activated T Cell Proliferation, Positive Regulation of fat Cell Differentiation

# **Application Details**

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling		
Format:	Lyophilized	
Reconstitution:	A quick spin of the vial followed by reconstitution in sterile distilled water to a concentration not less than 0.1 mg/mL is recommended. Please note, filter sterilization is a must following reconstitution. This solution can then be diluted into other buffers.	
Storage:	4 °C,-20 °C	
Storage Comment:	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2° - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.	

## **Images**



Activity Assay
Image 1.