

Datasheet for ABIN5509415

IGF1 Protein**1** Image[Go to Product page](#)

Overview

| | |
|----------------------|----------------------------|
| Quantity: | 50 µg |
| Target: | IGF1 |
| Origin: | Rat |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Application: | Functional Studies (Func) |

Product Details

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

Target Details

| | |
|-------------------|--|
| Target: | IGF1 |
| Alternative Name: | IGF1 (IGF1 Products) |
| Molecular Weight: | 8 |
| Gene ID: | 24482 |
| UniProt: | P08025 |
| Pathways: | RTK Signaling , Intracellular Steroid Hormone Receptor Signaling Pathway , Peptide Hormone |

Target Details

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

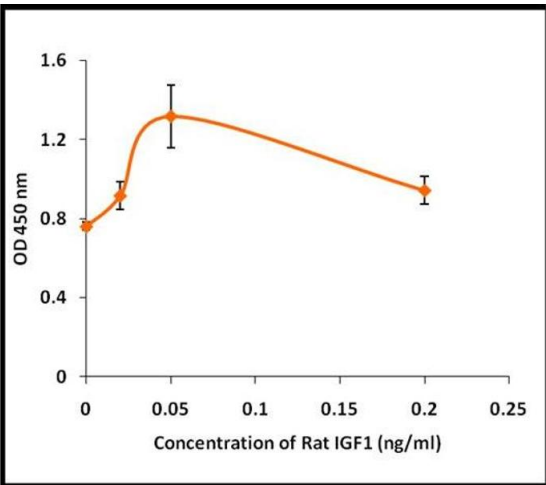
Format: Lyophilized

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.

Validation report #103788 for Haemagglutination (H)



Activity Assay

Image 1.