

R³ IGF-1, human recombinant protein

Insulin-like Growth Factor-I, Somatamedin C, IGF-IA Catalog # PBV10177r

Specification

R³ IGF-1, human recombinant protein - Product info

Primary Accession P01343

Calculated MW 9.11 kDa KDa

R³ IGF-1, human recombinant protein - Additional Info

Gene ID 3479
Gene Symbol IGF1

Other Names

Insulin-like Growth Factor-I, Somatamedin C, IGF-IA, Mechano growth factor

Gene Source Human Source E. coli

Assay&Purity SDS-PAGE; ≥97% Assay2&Purity2 HPLC; ≥97%

Recombinant Yes

Results 1-6 ng/ml.

Target/Specificity

R3 IGF-1

Application Notes

Reconstitute in dH_2O or 10 mM AcOH to 1.0 mg/ml. This solution can then be diluted into other buffered solutions or stored at 4°C for 1 week or -20°C for future use.

Format

Lyophilized protein

Storage

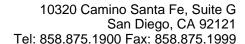
-20°C; Lyophilized with no additives

R³ IGF-1, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

R³ IGF-1, human recombinant protein - Images





R³ IGF-1, human recombinant protein - Background

IGF-I (insulin-like Growth Factor-I) is a polypeptide growth factor that stimulates the proliferation of a wide range of cell types including muscle, bone, and cartilage tissue. BioVision's recombinant human IGF-I is a N-terminus modified IGF-I with a Long R3 chain, which shows higher potency than regular human IGF-I in bioactivity assay. The recombinant IGF-I Long R3 was produced from E. coli using Animal Origin Free (AOF) components and therefore it is suitable for bioproduction also. The product can be provided as lyophilized form or liquid form, stable for at least two years.