

Human IGF1 Recombinant Protein



RPPB0422

Product Information Protein Information

Product SKU:

RPPB0422

Accession:

P05019

Host:

Escherichia Coli.

Protein description:

IGF1 R36Q Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 70 amino acids and having a molecular mass of Approximately 7.6kDa. The IGF1 R36Q is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Somatomedin C, IGF-I, IGFI, IGF1, IGF-IA, Mechano growth factor, MGF.

Formulation:

IGF1 R36Q Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB and 150 mM NaCl, pH 5.4.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized IGF1 R36Q in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

GPETLCGAEL VDALQFVCGD RGFYFNKPTG YGSSSQRAPQ TGIVDECCFR SCDLRRLEMY CAPLKPAKSA.