

# Human IGF1 Recombinant Protein



RPPB0420

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## Product Information    Protein Information

**Product SKU:**

RPPB0420

**Accession:**

P05019

**Host:**

Escherichia Coli.

**Protein description:**

IGF1 V44M Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 70 amino acids and having a molecular mass of Approximately 7.7 kDa. The IGF1 V44M is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

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

**Formulation:**

IGF1 V44M Lyophilized from a 0.2 µm filtered concentrated solution in 20mM PB, pH 7.0, 150mM NaCl.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized IGF1 V44M in sterile 18MΩ-cm H<sub>2</sub>O 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 YGSSRRAPQ TGIMDECCFR SCDLRRLEMY.