

# Human Glucagon Recombinant Protein



RPPB1278

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## Product Information   Protein Information

**Product SKU:**

RPPB1278

**Accession:**

P01275

**Host:**

Escherichia Coli.

**Protein description:**

Glucagon Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 112 amino acids (90-180 a.a.) and having a molecular mass of 12.8kDa. Glucagon is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Glucagon, GCG, GLP1, GLP2, GRPP.

**Formulation:**

Glucagon protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50% glycerol and 0.2M NaCl.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**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:**

MGSSHHHHHH SGLVPRGSH MKRHDEFERH AEGTFTSDVS SYLEGQAAKE FIAWLVKGRG RRDFPEEVAI  
VEELGRRHAD GSFSDMNTI LDNLAARDFI NWLIQTKITD RK.