

# Human REG4 Recombinant Protein



RPPB4439

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## Product Information    Protein Information

**Product SKU:**

RPPB4439

**Accession:**

Q9BYZ8

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

REG4 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (23-158 a.a.) and fused to a 9 aa His Tag at C-terminus containing a total of 145 amino acids and having a molecular mass of 17kDa. REG4 shows multiple bands between 13.5-18kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Regenerating islet-derived protein 4, Reg IV, REG-like protein, Gastrointestinal secretory protein, REG4, GISP, RELP.

**Formulation:**

REG4 protein solution (0.25mg/ml) contains 10% glycerol & Phosphate buffered saline (pH7.4).

**Purity:**

Greater than 90% 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:**

ADPDIIMRPS CAPGWFYHKS NCYGYFRKLR NWSDAELECQ SYGNGAHLAS ILSLKEASTIAEYISGYQRS  
QPIWIGLHDP QKRQQWQWID GAMLYRSWS GKSMGGNKHC AEMSSNNFL TWSSNECNKR  
QHFLCKYRPH HHHHH