Mouse Reg2 / Reg-2 (His Tag) recombinant protein

Catalog Number: 500795



General Information

Gene Name Synonym

Islet of Langerhans regenerating protein 2; Pancreatic stone protein 2; Pancreatic thread protein 2

Protein Construction

A DNA sequence encoding the mouse REG2 (NP_033069.1) (Met1-Ala173) was expressed with a C-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gln 23

Molecular Mass

The recombinant mouse REG2 comprises 162 amino acids and has a predicted molecular mass of 18.3 kDa. The apparent molecular mass of the protein is approximately 19.1 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4.

- $1.\,5$ % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

Usage Guide

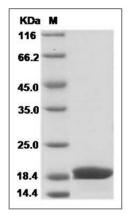
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Mouse REG2 / REG-2 Protein (His Tag) SDS-PAGE