

Recombinant Rat REG4 Protein (His Tag)

Catalog No. PKSR040477

Note: Centrifuge before opening to ensure complete recovery of vial contents.

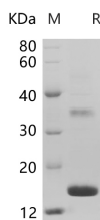
Description

Synonyms	Regenerating islet-derived protein 4, Reg4, REG-4, Gastrointestinal secretory protein, GISP, Reg IV, REG like protein, Regenerating gene type IV, Regenerating islet derived protein 4 precursor, Regenerating islet-derived protein IV, REGIV, RELP
Species	Rat
Expression Host	E.coli
Sequence	Asp23-Pro157
Accession	Q68AX7-1
Calculated Molecular Weight	15.9 kDa
Observed molecular weight	18.2 kDa
Tag	N-His
Bioactivity	Testing in progress

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 85 % as determined by reducing SDS-PAGE.

For Research Use Only

Background

Calcium-independent lectin displaying mannose-binding specificity and able to maintain carbohydrate recognition activity in an acidic environment. May be involved in inflammatory and metaplastic responses of the gastrointestinal epithelium.