

# Recombinant Rat REG4 Protein (His Tag)

Catalog Number: PDER100012



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

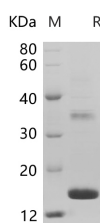
## Description

<b>Synonyms</b>	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
<b>Species</b>	Rat
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Asp23-Pro157
<b>Accession</b>	Q68AX7-1
<b>Calculated Molecular Weight</b>	15.9 kDa
<b>Observed molecular weight</b>	18.2 kDa
<b>Tag</b>	N-His

## Properties

<b>Purity</b>	> 85 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	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.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



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## 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.

## For Research Use Only

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