

[Go to Product page](#)

## Datasheet for ABIN7318981 **REG4 Protein (His tag)**

### Overview

Quantity:	50 µg
Target:	REG4
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This REG4 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human REG4/RELP Protein (His Tag)
Sequence:	Asp23-Pro158
Characteristics:	Recombinant Human Regenerating islet-derived protein 4 is produced by our Mammalian expression system and the target gene encoding Asp23-Pro158 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	REG4
Alternative Name:	REG4/RELP ( <a href="#">REG4 Products</a> )
Background:	Background: REG4 is a secreted contains one C-type lectin domain, high expressed in the gastrointestinal tract, including jejunum, ileum, appendix, pancreas and small intestine. REG4

## Target Details

can be up-regulated by mucosal injury from active Crohn's disease or ulcerative colitis. In the acid environment, REG4 can maintain carbohydrate recognition activity. REG4 may be involved in inflammatory and metaplastic response of the gastrointestinal epithelium.

Synonym: Regenerating islet-derived protein 4, Gastrointestinal secretory protein, REG-like protein, Regenerating islet-derived protein IV, GISP, RELP, REG4, GISP, REG-IV

Molecular Weight: 19.2 kDa

UniProt: [Q9BYZ8](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: 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.