

# Human Reg4 Protein, His Tag

Catalog # RE4-H5221



BIOSYSTEMS  
**Acro**

## Synonym

REG4, GISP, REG-IV, RELP

## Source

Human Reg4, His Tag (RE4-H5221) is expressed from human 293 cells (HEK293). It contains AA Asp 23 - Pro 158 (Accession # [AAH17089](#)).

Predicted N-terminus: Asp 23

## Molecular Characterization

Reg4(Asp 23 - Pro 158)  
AAH17089

Poly-his

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 16.7 kDa. The protein migrates as 18 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

## Endotoxin

Less than 1.0 EU per µg by the LAL method / rFC method.

## Purity

>90% as determined by SDS-PAGE.

## Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

## Reconstitution

Please see Certificate of Analysis for specific instructions.

**For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.**

## Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

**Please avoid repeated freeze-thaw cycles.**

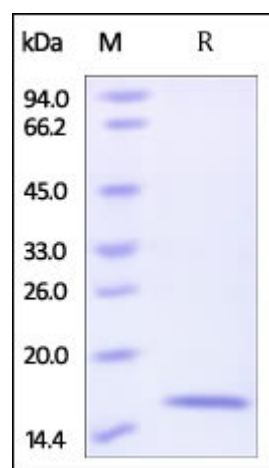
This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

## ACRO Quality Management System

- [QMS\(ISO, GMP\)](#)
- [Quality Advantages](#)
- [Quality Control Process](#)

## SDS-PAGE



Human Reg4, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%.

## Background

Regenerating islet-derived protein 4 (REG4) is also known as Gastrointestinal secretory protein (GISP), REG-like protein (RELP). REG4 contains one C-type lectin domain. REG4 has calcium-independent lectin displaying mannose-binding specificity and able to maintain carbohydrate recognition activity in an acidic environment. REG4 may be involved in inflammatory and metaplastic responses of the gastrointestinal epithelium.

Discounts, Gifts,  
and more!



[www.acrobiosystems.com](http://www.acrobiosystems.com)



4/23/2026