Product Name: Recombinant Human REG4 (C-6His)
Catalog #: PHH1422

Summary

Name	REG4/GISP/RELP/Regenerating islet-derived protein 4
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q9BYZ8
Host	Human Cells
Species	Human
Predicted Molecular Mass	19.2 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM HIS-HCl, 5% Sucrose, 5% Mannitol, 0.05% Tween 80, pH6.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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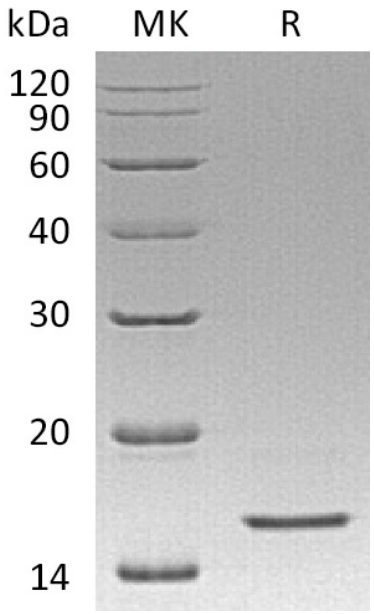

Alternative Names

Regenerating islet-derived protein 4; Gastrointestinal secretory protein; REG-like protein; Regenerating islet-derived protein IV; GISP; RELP; REG4

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 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.

Note

For Research Use Only , Not for Diagnostic Use.