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Datasheet for ABIN1880679  
**REG3g Protein (AA 27-175) (His tag)**

### Overview

Quantity:	50 µg
Target:	REG3g
Protein Characteristics:	AA 27-175
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This REG3g protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Regenerating Islet-Derived Protein 3-γ/Reg3γ/REG3G (C-6His)
Sequence:	EETQKELPSP RISCPKGSKA YGSPCYALFL SPKSWMDADL ACQKRPSGKL VSVLSGAEGS FVSSLVRSIS NSYSYIWIGL HDPTQGSEPD GDGWEWSSTD VMNYFAWEKN PSTILNPGHC GSLSRSTGFL KWKDYNCDK LPYVCKFKDV DHHHHHH
Characteristics:	Recombinant Human Regenerating islet-derived protein 3-gamma/REG3G is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Glu27-Asp175) of Human REG3G fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

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Target:	REG3g
Alternative Name:	Regenerating Islet-Derived Protein 3-gamma/reg3g ( <a href="#">REG3g Products</a> )
Sub Type:	Fusionprotein
Background:	<p>Pancreatitis-associated protein 1B, Regenerating islet-derived protein III-gamma, is a secreted protein which contains 1 C-type lectin domain. It is expressed almost exclusively in the pancreas and also expressed in testis, but not found in small intestine. This protein might be a stress protein involved in the control of bacterial proliferation.</p> <p>Alternative Names: Regenerating islet-derived protein 3-gamma (REG-3-gamma for short), also named Pancreatitis-associated protein 1B,</p>
Molecular Weight:	17.5kDa
UniProt:	<a href="#">Q6UW15</a>
Pathways:	<a href="#">Activation of Innate immune Response</a>

## Application Details

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Restrictions: For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>
Expiry Date:	3 months