

## REG3G Protein, Human, Recombinant (hFc)

### General Information

Synonyms:	PAP-1B;REG3G;Regenerating islet-derived protein III- $\gamma$ ;Regenerating islet-derived protein III-gamma;REG-3- $\gamma$ ;Regenerating islet-derived protein 3-gamma;REG-3-gamma;Regenerating islet-derived protein 3- $\gamma$ ;Pancreatitis-associated protein 1B
Protein Construction:	Glu27-Asp175
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q6UW15
Molecular Weight:	40-50 KDa (reducing condition)
AA Sequence:	Glu27-Asp175

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 1.0 EU/ $\mu$ g of the protein as determined by the LAL method.
Formulation:	Supplied as a 0.2 $\mu$ m filtered solution of PBS, pH 7.4.

### Preparation and Storage

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

Proteins are shipped with blue ice.

### Protein Background

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.

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