

Recombinant Human Reg3G (C-6His)

Catalog No: CC77

Description	Recombinant Human Regenerating islet-derived protein 3-gamma is produced by our Mammalian expression system and the target gene encoding Glu27-Asp175 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	Regenerating islet-derived protein 3-gamma; REG-3-gamma; Pancreatitis-associated protein 1B;REG3G;PAP-1B;Regenerating islet-derived protein III-gamma
Accession No.	Q6UW15
Predicted Molecular Weight	17.5kDa
AP Molecular Weight	17kDa, reducing conditions.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl, pH7.4.
Reconstitution	<p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</p> <p>It is not recommended to reconstitute to a concentration less than 100µg/ml.</p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Quality Control	<p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.</p>
Shipping	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
Storage	<p>Lyophilized protein should be stored at < -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 < -20°C for 3 months.</p>
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.

