

## Recombinant Mouse Reg3g Protein, Myc/DDK-tagged

Cat. No. Reg3g-5455M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length regenerating islet-derived 3 gamma (Reg3g), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a C-type lectin that demonstrates bactericidal activity. This gene is predominantly expressed in the distal small intestine where the encoded protein undergoes proteolytic processing by trypsin. Mice lacking the encoded protein exhibit altered mucus distribution, increased bacterial contact with the epithelium, and elevated inflammatory markers in the ileum, and low-grade inflammation.
<b>Molecular Mass</b>	19.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

**Gene Name** [Reg3g regenerating islet-derived 3 gamma \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Reg3g](#)

**Synonyms** REG3G; regenerating islet-derived 3 gamma; regenerating islet-derived protein 3-gamma; REG-3-gamma; reg III-gamma; RegIII (gamma); pancreatitis-associated protein 3; regenerating islet-derived protein III-gamma; generating islet-derived, mouse homolog 3 gamma; AI449515

**Gene ID** [19695](#)

**mRNA Refseq** [NM\\_011260](#)

**Protein Refseq** [NP\\_035390](#)

**UniProt ID** [O09049](#)

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