

Recombinant Mouse Reg3g Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length regenerating islet-derived 3 gamma (Reg3g), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	19.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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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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