

Active Recombinant Human RGMA protein, His-Avi-tagged, Low Endotoxin

Cat. No. RGMA-5744H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RGMA protein(Q96B86-1)(48-422 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	48-422 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human RGMA, His Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Human Neogenin, hFc Tag with the EC50 of 18.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 44.5 kDa. Due to autocatalytic cleavage, the protein migrates to 27-35 kDa and 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name RGMA RGM domain family, member A [Homo sapiens]

Official Symbol RGMA

Synonyms RGMA; RGM domain family, member A; repulsive guidance molecule A; RGM;

Gene ID 56963

mRNA Refseq NM_001166283

Protein Refseq NP_001159755

MIM 607362

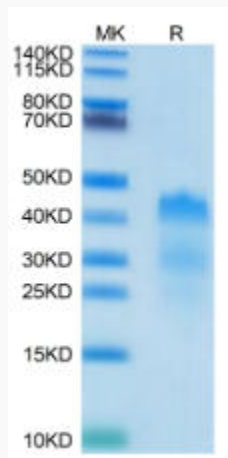
UniProt ID Q96B86

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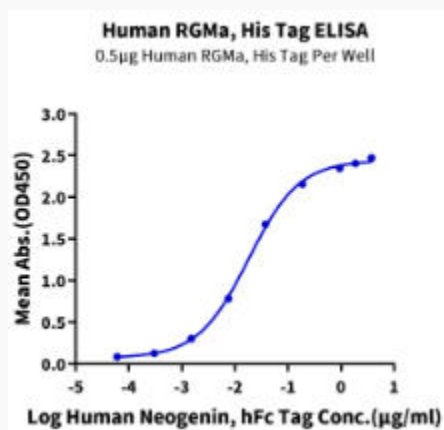
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Bis-Tris PAGE



ELISA Data



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