

Recombinant Human RGMA protein, His-Avi-tagged, Biotinylated

Cat. No. RGMA-212H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human RGMA protein(Q96B86-1)(Cys48-Gly422), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Cys48-Gly422
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Biotinylated Human RGMA, His Tag at 1ug/ml (100ul/Well) on streptavidin (5ug/ml) precoated plate. Dose response curve for Human Neogenin, hFc Tag with the EC50 of 5.9ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 44.5 kDa. Due to glycosylation, the protein migrates to 45-48 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Conjugation	Biotin

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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