

## Recombinant Human RGMA protein(Met1-Gly422), His-tagged

Cat. No. RGMA-7011H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RGMA isoform 3 (NP_064596.2) (Met 1-Gly 422), without the C-terminal pro peptide, was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-422 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The secreted recombinant human RGMA consists of 386 amino acids and has a predicted molecular mass of 43 kDa. As a result of glycosylation and proteolytic processing, rhRGMA migrates mainly as an approximately 36 kDa in SDS-PAGE corresponding to the mature segment under reducing conditions, and the un-cleaved pro form can also be seen.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

<b>Gene Name</b>	RGMA RGM domain family, member A [ Homo sapiens ]
<b>Official Symbol</b>	RGMA
<b>Synonyms</b>	RGMA; RGM domain family, member A; repulsive guidance molecule A; RGM;
<b>Gene ID</b>	56963
<b>mRNA Refseq</b>	NM_001166283
<b>Protein Refseq</b>	NP_001159755
<b>MIM</b>	607362
<b>UniProt ID</b>	Q96B86

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