

## Active Recombinant Mouse Rgma protein, His-tagged

Cat. No. RGMA-14126M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Rgma(Cys48-Gly421 & Pro170-Gly421) fused with His tag at C-terminal was expressed in NS0.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	48-421;170-421 a.a.
<b>Predicted N Terminal</b>	Cys48 (proprotein) & Pro170 (mature)
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. When Recombinant Human BMP-4 is coated at 1 µg/mL (100 µL/well), Recombinant Mouse RGM-A binds with an apparent Kd <50 nM.
<b>Molecular Mass</b>	Predicted Molecular Mass: 42.5 kDa;SDS-PAGE: Multiple bands between 25-37 kDa, reducing conditions.
<b>Endotoxin</b>	<0.10 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles.12 months from date of receipt, -20 to -70

 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

centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

**Reconstitution** Reconstitute at 100 µg/mL in sterile PBS.

## GENE INFORMATION

**Gene Name** [Rgma RGM domain family, member A \[ Mus musculus \]](#)

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

**Synonyms** RGMA; RGM domain family, member A; repulsive guidance molecule A; BC059072; C230063O06; MGC38550; MGC69915;

**Gene ID** [244058](#)

**mRNA Refseq** [NM\\_177740](#)

**Protein Refseq** [NP\\_808408](#)

**MIM**

**UniProt ID** [Q6PCX7](#)

**Chromosome Location** 7; 7 D1

**Pathway** Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Netrin-1 signaling, organism-specific biosystem;

**Function** molecular\_function;

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