Active Recombinant Mouse Rgma protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Rgma(Cys48-Gly421 & Pro170-Gly421) fused with His tag at C-terminal was expressed in NS0.
Species	Mouse
Source	Mammalian Cells
ProteinLength	48-421;170-421 a.a.
Predicted N Terminal	Cys48 (proprotein) & Pro170 (mature)
Form	Lyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose.
Bio-activity	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.
Molecular Mass	Predicted Molecular Mass: 42.5 kDa;SDS-PAGE: Multiple bands between 25-37 kDa, reducing conditions.
Endotoxin	<0.10 EU per 1 μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles.12 months from date of receipt, -20 to -70

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	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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