

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	1-422 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	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

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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