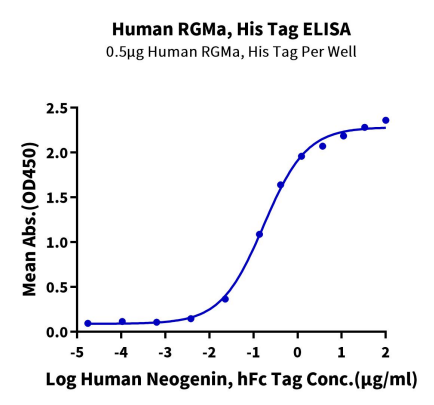
Bioactive HuPro®

RGMA (Human) Recombinant Protein

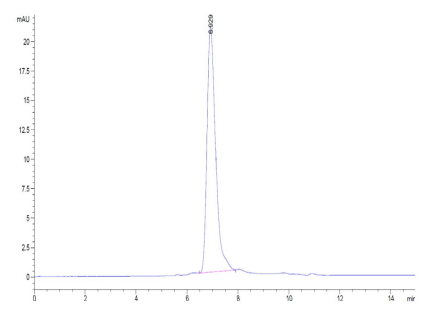
Catalog # P10236 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

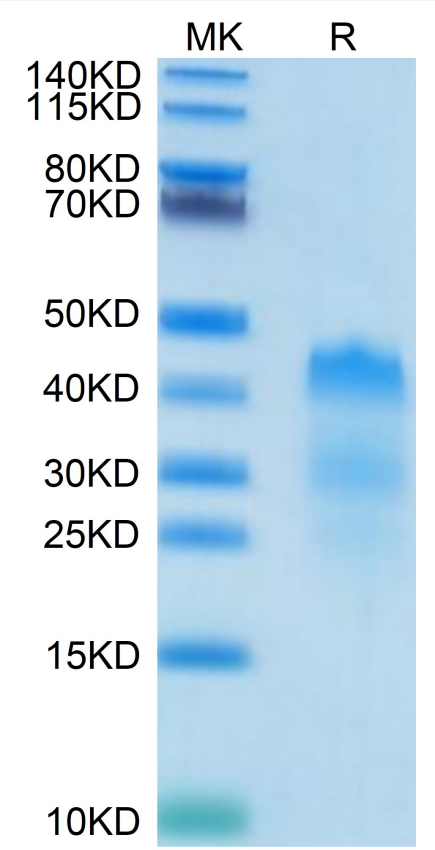
Immobilized Human RGMa, His Tag at 5 ug/ml (100 ul/Well) on the plate. Dose response curve for Human Neogenin, hFc Tag with the EC_{50} of 0.17 ug/ml determined by ELISA.



SEC-HPLC

The purity of Human RGMa is greater than 95% as determined by SEC-HPLC.

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Tris-Bis PAGE

Human RGMa on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Specification

Product Description	Human RGMA (Q96B86-1, Cys48-Gly422) partial recombinant protein with His-Avi tag at C-terminus expressed in HEK293 cells.
Sequence	Cys48-Gly422
Host	Human
Theoretical MW (kDa)	44.5
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Quality Control Testing	SEC-HPLC SEC-HPLC The purity of Human RGMa is greater than 95% as determined by SEC-HPLC. Tris-Bis PAGE Human RGMa on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

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Recommend Usage	Biological Activity ELISA SEC-HPLC Tris-Bis PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from filtered solution in PBS, pH 7.4 (5% trehalose).
Storage Instruction	After reconstitution with deionized water to a final concentration more than 100 ug/ml, store at 4°C for 1 week. For long term storage, store at -80°C for 1 year. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- Enzyme-linked Immunoabsorbent Assay

  Immobilized Human RGMa, His Tag at 5 ug/ml (100 ul/Well) on the plate. Dose response curve for Human Neogenin, hFc Tag with the EC_{50} of 0.17 ug/ml determined by ELISA.

Gene Info — RGMA

Entrez GeneID	56963
Protein Accession#	Q96B86-1
Gene Name	RGMA
Gene Alias	RGM
Gene Description	RGM domain family, member A
Omim ID	607362
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	repulsive guidance molecule A

Disease

- Depressive Disorder

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- Encephalomyelitis
- Genetic Predisposition to Disease
- Multiple Sclerosis

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