

## Datasheet for ABIN7319294 **RGMA Protein (His tag)**



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### Overview

Quantity:	50 µg
Target:	RGMA
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGMA protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human RGMA Protein (E.coli, His Tag)
Sequence:	Pro169-Gly422
Characteristics:	Recombinant Human Repulsive guidance molecule A is produced by our E.coli expression system and the target gene encoding Pro169-Gly422 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	RGMA
Alternative Name:	RGMA ( <a href="#">RGMA Products</a> )
Background:	Background: Repulsive guidance molecule A(RGMA) is a cell membrane protein and belongs to the repulsive guidance molecule (RGM) family. It interacts with NEO1, BMP2 and BMP4. RGMA

### Target Details

is a glycosylphosphatidylinositol-anchored glycoprotein that functions as an axon guidance protein in the developing and adult central nervous system. It helps guide Retinal Ganglion Cell (RGC) axons to the tectum in the midbrain. RGMa has been implicated to play an important role in the developing brain and in the scar tissue that forms after a brain injury. This protein may also function as a tumor suppressor in some cancers.

Synonym: Repulsive guidance molecule A,RGM domain family member A,RGM

Molecular Weight: 29.8 kDa

NCBI Accession: [NP\\_064596](#)

Pathways: [Tube Formation](#)

### Application Details

Restrictions: For Research Use only

### Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM Tris,150 mM NaCl, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.