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Datasheet for ABIN7317418 RGMA Protein (His tag)

Overview

Quantity:	100 µg
Target:	RGMA
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGMA protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human RGMA Protein (HEK293 Cells, His Tag)
Sequence:	Met 1-Gly 422
Characteristics:	A DNA sequence encoding the human RGMA isoform 3 (NP_064596.2) (Met 1-Gly 422), without the C-terminal pro peptide, was fused with a polyhistidine tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	RGMA
Alternative Name:	RGMA (RGMA Products)
Background:	Background: RGMa, also known as RGM domain family, member A, belongs to the RGM (repulsive guidance molecule) family whose members are membrane-associated glycoprotein. RGMa is a glycosylphosphatidylinositol-anchored glycoprotein that functions as an axon

Target Details

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: 43 kDa

NCBI Accession: [NP_064596](#)

Pathways: [Tube Formation](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.