

Product datasheet for **TP721172M**

Repulsive Guidance Molecule A (RGMA) (NM_020211) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human RGM domain family, member A (RGMA), transcript variant 4
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Pro169-Gly422
Tag:	N-His
Predicted MW:	29.8 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 1mM DTT, 150mM NaCl, 1mM EDTA, pH 8.0.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_064596
Locus ID:	56963
UniProt ID:	Q96B86
RefSeq Size:	3216
Cytogenetics:	15q26.1
RefSeq ORF:	1359
Synonyms:	RGM



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Summary:

This gene encodes a member of the repulsive guidance molecule family. The encoded protein is a glycosylphosphatidylinositol-anchored glycoprotein that functions as an axon guidance protein in the developing and adult central nervous system. This protein may also function as a tumor suppressor in some cancers. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]