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Product Datasheet

Recombinant Human RGMA (N-6His) EBT-EPT154

Article Name	Recombinant Human RGMA (N-6His)
Biozol Catalog Number	EBT-EPT154
Supplier Catalog Number	EPT154
Alternative Catalog Number	EBT-EPT154-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	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....
Molecular Weight	Molecular weight: 29.8 KDa. Apparent molecular weight: 30 KDa, reducing conditions
UniProt	AAI51133.1
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Application Notes	<p>Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.</p> <p>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 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</p>