

## Recombinant Human GPM6A

Catalog No: #GP11201



Package Size: #GP11201-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human GPM6A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 149-278 amino acids of human glycoprotein M6A
Target Name	glycoprotein M6A
Other Names	M6A; GPM6
Accession No.	Swissprot:P51674Gene Accession:BC022508
Uniprot	P51674
GeneID	2823;
Storage	-20~-80°C, pH 7.6 PBS

## Background

Neuronal membrane glycoprotein M6-a is a protein that in humans is encoded by the GPM6A gene. Involved in neuronal differentiation, including differentiation and migration of neuronal stem cells. Plays a role in neuronal plasticity and is involved in neurite and filopodia outgrowth, filopodia motility and probably synapse formation. GPM6A-induced filopodia formation involves mitogen-activated protein kinase (MAPK) and Src signaling pathways. May be involved in neuronal NGF-dependent Ca<sup>2+</sup> influx. May be involved in regulation of endocytosis and intracellular trafficking of G-protein-coupled receptors (GPCRs); enhances internalization and recycling of mu-type opioid receptor.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only