

GPM6A 抗原（重组蛋白）

中文名称：GPM6A 抗原（重组蛋白）

英文名称：GPM6A Antigen (Recombinant Protein)

别名：M6A; GPM6

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 149-278 amino acids of human GPM6A

技术规格：

Full name:	glycoprotein M6A
Synonyms:	M6A; GPM6
Swissprot:	P51674
Gene Accession:	BC022508
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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. Play s a role in neuronal plasticity and is involved in neurite and filopodia outgrowth, filopodia motility and probably synapse formation. GP M6A-induced filopodia formation involves mitogen-activated protein kinase (MAPK) and Src signaling pathways. May be involved in neuronal NGF-dependent Ca ²⁺ influx. May be involved in regulation of endocytosis and intracellular trafficking of G-protein-coupled recept

ors (GPCRs); enhances internalization and recycling of mu-type opioid receptor.