

CAPRIN1 抗原（重组蛋白）

中文名称：CAPRIN1 抗原（重组蛋白）

英文名称：CAPRIN1 Antigen (Recombinant Protein)

别 名：M11S1; GPIAP1; RNG105; GPIP137; p137GPI

储 存：冷冻（-20℃）

相关类别：抗原

概 述：

Fusion protein corresponding to C terminal 250 amino acids of human CAPRIN1

技术规格：

Full name:	cell cycle associated protein 1
Synonyms:	M11S1; GPIAP1; RNG105; GPIP137; p137GPI
Swissprot:	Q14444
Gene Accession:	BC001731
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Caprin-1 is a protein that in humans is encoded by the CAPRIN1 gene. May regulate the transport and translation of mRNAs of proteins involved in synaptic plasticity in neurons and cell proliferation and migration in multiple cell types. May form homomultimers. Directly interacts with G3BP1 in cytoplasmic RNA granules. Binds directly and selectively to MYC and CCND2 RNAs. In neuronal cells, directly binds to several mRNAs associated with RNA granules, including BDNF, CAMK2A, CREB1, MAP2, NTRK2 mRNAs, as well as to GRIN1 and KPNB1 mRNAs, but not to rRNAs.

