

Recombinant Human CAPRIN1

Catalog No: #GP11210



Package Size: #GP11210-1 100ug

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Description

Product Name	Recombinant Human CAPRIN1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human cell cycle associated protein 1
Target Name	cell cycle associated protein 1
Other Names	M11S1; GPIAP1; RNG105; GPIP137; p137GPI
Accession No.	Swissprot:Q14444Gene Accession:BC001731
Uniprot	Q14444
GeneID	4076;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

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

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