

# Recombinant Full Length Human CAPRIN1 Protein, GST-tagged

**Cat. No.** CAPRIN1-2841HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CAPRIN1 full-length ORF (AAH01731.2, 1 a.a. - 709 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	709 amino acids
<b>Description</b>	CAPRIN1 (Cell Cycle Associated Protein 1) is a Protein Coding gene. GO annotations related to this gene include poly(A) RNA binding and RNA binding. An important paralog of this gene is CAPRIN2.
<b>Molecular Mass</b>	104.8 kDa
<b>AA Sequence</b>	<p>MPSATSHSGSGSKSSGPPPPSGSSGSEAAAGAGAAAPASQHPATGTGAVQTEAM            KQILGVIDKCLRNLKLEKKKGKLDYQERMNKGERLNQDQLDAVSKYQEVNLEFAK            ELQRSFMALSQDIQKTIKKTARREQLMREEAEQKRLKTVLELQYVLDKLGDEVRTD            LKQGLNGVPILSEEELSLDEFYKLVDPERDMSLRLNEQYEHASIHLDLLEGGKEKP            VCGTTYKVLKEIVERVFQSNYFDSTHNHQNGLCSEEEAASAPAVEDQVPEAEPEPA            EEYTEQSEVESTHEYVNRQFMAETQFTSGEKEQVDEWTVETVEVVNSLQQQPQAAS            PSVPEPHSLTPVAQADPLVRRQRVQDLMAQMGGPYNFIQDSMLDFENQTLDPAIVS            AQPMNPTQNMMPQLVCPVHSESRLAQPNQVPVQPEATQVPLVSSTSEGYTASQ            PLYQPSHATEQRPKQEPIDQIQATISLNTDQTTASSSLPAASQPQVFQAGTSKPLHS</p>

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SGINVNAAPFQSMQTVFNMNAPVPPVNEPETLKQQNQYQASYNQSFSSQPHQVEQ  
 TELQQEQLQTVVGYHGSQPDQSHQVTGNHQQPPQNTGFPRSNQPYNSRGVSR  
 GGSRGARGLMNGYRGPANGFRGGYDGYRPSFSNTPNSGYTQSQFSAPRDYSGY  
 QRDGYQQNFKRGSQSGPRGAPRGRGGPPRPNRGMPQMNTQQVN

**Applications**  
 Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [CAPRIN1 cell cycle associated protein 1 \[ Homo sapiens \]](#)

**Official Symbol** [CAPRIN1](#)

**Synonyms** CAPRIN1; cell cycle associated protein 1; GPI anchored membrane protein 1, GPIAP1, M11S1, membrane component, chromosome 11, surface marker 1; caprin-1; caprin 1; cytoplasmic activation/proliferation associated protein 1; RNG105; GPI-p137; RNA granule protein 105; GPI-anchored protein p137; GPI-anchored membrane protein 1; cell cycle-associated protein 1; activation/proliferation-associated protein 1; membrane component chromosome 11 surface marker 1; membrane component, chromosome 11, surface marker 1; cytoplasmic activation/proliferation-associated protein-1; cytoplasmic activation- and proliferation-associated protein 1; M11S1; GPIAP1; GPIP137; p137GPI;

**Gene ID** [4076](#)

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mRNA Refseq	NM_005898
Protein Refseq	NP_005889
MIM	601178
UniProt ID	Q14444

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