

Recombinant Full Length Human CAPRIN1 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CAPRIN1 full-length ORF (AAH01731.2, 1 a.a. - 709 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	709 amino acids
Description	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.
Molecular Mass	104.8 kDa
AA Sequence	MPSATSHSGSGSKSSGPPPPSGSSGSEAAAGAGAAAPASQHPATGTGAVQTEAM KQILGVIDKKLRNLEKKKGKLLDDYQERMNKGRLNQDQLDAVSKYQEVTTNNLEFAK ELQRSFMALSQDIQKTIKKTARREQLMREEAEQKRLKTVLELQYVLDKLGDDDEVRTD LKQGLNGVPILSEEELSLDEFYKLVDPERDMSLRRLNEQYEHASIHLDLLEGKEKP VCGTTYKVLKEIVERVFQSNYFDSTHNNHQNGLCESSEEAASAPAVEDQVPEAEPEPA EEYTEQSEVESTHEYVNRQFMAETQFTSGEKEQVDEWTVETVEVVNSLQQPQAAS PSVPEPHSLTPVAQADPLVRRQRVQDLMAQMQGPYNFIQDSMLDFENQTLDPAIVS AQPMNPTQNMDMPQLVCPVHSESRLAQPNQVPVQPEATQVPLVSSTSEGYTASQ PLYQPSHATEQRPQKEPIDQIQATISLNTDQTTASSSLPAASQPQVFQAGTSKPLHS

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SGINVNAAPFQSMQTVFNMNAPVPPVNEPETLKQQNQYQASYNQSFSSQPHQVEQ
 TELQQEQLQTVVGYHGSQSHQVTGNHQPPQNTGFPRSNQPYYNRSGVSR
 GGSRGARGLMNGYRGPANGFRGGYDGYRPSFSNTPNSGYTQSQFSAPRDYSGY
 QRDGYQQNFKRSGSGQSGPRGAPRGRGGPPRPNRGMPQMNTQQVN

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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