

Recombinant Human CAPRIN1 Protein, GST-Tagged

Cat. No. CAPRIN1-0376H **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	Wheat Germ
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 KQILGVIDKKLRNLEKKKGKLDYQERMNKGRLNQDQLDAVSKYQEVNTNNLEFAK ELQRSFMALSQDIQKTIKKTARREQLMREEAEQKRLKTVLELQYVLDKLGDDDEVRTD LKQGLNGVPILSEEELSLLEFYKLVDPERDMSLRLNEQYEHASIHLDLLEGEKEKP VCGTTYKVLKEIVERVFQSNYFDSTHNNHQNGLCEEEEEAASAPAVEDQVPEAEPEPA EEYTEQSEVESTHEYVNRQFMAETQFTSGEKEQVDEWTVETVEVVNSLQQQPQAAS PSVPEPHSLTPVAQADPLVRRQRVQDLMAQMQGPYNFIQDSMLDFENQTLDPAIVS AQPMNPTQNMDMPQLVCPVHSESRLAQPNQVPVQPEATQVPLVSSTSEGYTASQ PLYQPSHATEQRPQKEPIDQIQATISLNTDQTTASSSLPAASQPQVFQAGTSKPLHS SGINVNAAPFQSMQTVFNMNAPVPPVNEPETLKQQNQYQASYNQSFSSQPHQVEQ TELQQEQLQTVVGTYHGSPDQSHQVTGNHQPPQQNTGFPRSNQPYNSRGVSR

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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; GPI137; p137GPI;

Gene ID

[4076](#)

mRNA Refseq

[NM_005898](#)

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Protein Refseq	NP_005889
MIM	601178
UniProt ID	Q14444

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