

# Recombinant Human CAPRIN1 Protein (2-709 aa), His-tagged

Cat. No. CAPRIN1-2782H Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Recombinant Human CAPRIN1 Protein (2-709 aa) is produced by Baculovirus expression system. This protein is fused with a 10xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.

**Species** Human

**Source** Insect Cells

**ProteinLength** 2-709 aa

**Form** Tris-based buffer,50% glycerol

**Molecular Mass** 80.7 kDa

**AA Sequence**

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PSATSHSGSGSKSSGPPPPSGSSGSEAAAAGAGAAAPASQHPATGTGAVQTEAMK
QILGVIDKKLRNLEKKKGKLDYQERMNKGERLNQDQLDAVSKYQEVTTNLEFAKEL
QRSFMALSQDIQKTIKKTARREQLMREEAEQKRLKTVLELQYVLDKLGDDDEVRTDLK
QGLNGVPILSEEELSLLEFYKLVDPERDMSLRRLNEQYEHASHLWDLLEGKEKPVC
GTTYKVLKEIVERVFQSNYFDSTHNHQGLCEEEEEAASAPAVEDQVPEAEPEPAEE
YTEQSEVESTHEYVNRQFMAETQFTSGEKEQVDEWTVETVEVVNSLQQPQAASPS
VPEPHSLTPVAQADPLVRRQRVQDLMAQMQGPYNIQDSMLDFENQTLDPVAIVSAQ
PMNPTQNMDMPQLVCPVHSESRLAQPNQVPVQPEATQVPLVSSTSEGYTASQPL
YQPSHATEQRPKQEPIDQIQATISLNTDQTTASSSLPAASQPQVFQAGTSKPLHSSGI
NVNAAPFQSMQTVFNMNAPVPPVNEPETLKQQNQYQASYNQSFSSQPHQVEQTEL
QQEQLQTVVGTYHGSPPDQSHQVTGNHQPPQNTGFPRSNQPYNRSRGVSRGG
    
```

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SRGARGLMNGYRGPANGFRGGYDGYRPSFSNTPNSGYTQSQFSAPRDYSGYQRD  
GYQQNFKRGSQSGPRGAPRGRGGPPRPNRGMPQMNTQQVN

**Purity** > 85% as determined by SDS-PAGE.

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

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

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

**Synonyms** CAPRIN1; cell cycle associated protein 1; caprin-1; caprin 1; RNG105; GPI-p137; M11S1; GPIAP1; GPIP137; p137GPI;

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

**mRNA Refseq** [NM\\_005898](#)

**Protein Refseq** [NP\\_005889](#)

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<b>MIM</b>	601178
<b>UniProt ID</b>	Q14444

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