

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	PSATSHSGSGSKSSGPPPPSGSSGSEAAAGAGAAAPASQHPATGTGAVQTEAMK QILGVIDKKLRNLEKKKGKLDDYQERMNKGERLNQDQLDAVSKYQEVTTNNLEFAKEL QRSFMALSQDIQKTIKKTARREQLMREEAEQKRLKTVLELQYVLDKLGDDDEVRTDLK QGLNGVPILSEEEELSLLEDEFYKLVDPERDMSLRLENEQYEHASIHLDLLEGGKEKPVC GTTYKVLKEIVERVFQSNYFDSTHNHQNGLCEEEEAASAPAVEDQVPEAEPEPAEE YTEQSEVESTHEYVNRQFMAETQFTSGEKEQVDEWTVETVEVVNSLQQQPQAASPS VPEPHSLTPVAQADPLVRRQRVQDLMAQMQGPYNFIQDSMLDFENQTLDPVISAQ PMNPTQNMDMPQLVCPVHSESRLAQPNQVPVQPEATQVPLVSSTSEGYTASQPL YQPSHATEQRPPQKEPIDQIQATISLNTDQTTASSSLPAASQPQVFQAGTSKPLHSSGI NVNAAPFQSMQTVFNMNAPVPPVNEPETLKQQNQYQASYNQSFSSQPHQVEQTEL QQEQLQTVVGTYHGSPDQSHQVTGNHQQPPQQNTGFPRSNQPYYNRSRGVSRGG

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	SRGARGLMNGYRGPANGFRGGYDGYRPSFSNTPNSGYTQSQFSAPRDYSGYQRD GYQQNFKRSGSGSGPRGAPRGRGGPPRPNRGMPQMNTQQVN
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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MIM	601178
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UniProt ID	Q14444
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