

Caprin-1 Recombinant Protein | CAPRIN1 recombinant protein

Recombinant Human Caprin-1

CATALOG # AAA117513	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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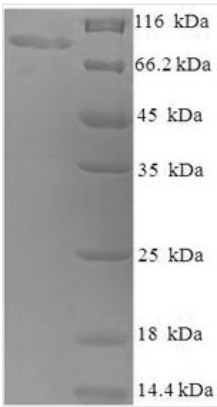
PRODUCT SYNONYMS

Caprin-1; Recombinant Human Caprin-1; Cell cycle-associated protein 1; Cytoplasmic activation- and proliferation-associated protein 1; GPI-anchored membrane protein 1; GPI-anchored protein p137; GPI-p137; p137GPI; Membrane component chromosome 11 surface marker 1RNA granule protein 105; CAPRIN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-709. Full Length of Mature Protein
Sequence	PSATSHSGSG SKSSGPPPPS GSSGSEAAAG AGAAAPASQH PATGTGAVQT EAMKQILGVI DKKLRNLEKK KGKLDDYQER MNKGERLNQD QLDAVSKYQE VTNNLEFAKE LQRSFMALSQ DIQKTIKKTA RREQLMREEA EQKRLKTVLE LQYVLDKLGD DEVRTDLKQG LNGVPILSEE ELSLLDEFYK LVDPERDMSL RLNEQYEHAS IHLWDLLEGK EKPVCGTTYK VLKEIVERVF QSNYFDSTHN HQNGLCEEEE AASAPAVEDQ VPEAEPEPAE EYTEQSEVES TEYVNRQFMA ETQFTSGEKE QVDEWTVETV EVVNSLQQQP QAASPSVPEP HSLTPVAQAD PLVRRQRVQD LMAQMGGPYN FIQDSMLDFE NQTLDPAVIS AQPMNPTQNM DMPQLVCPPV HSESRLAQPN QVPVQPEATQ VPLVSSTSEG YTASQPLYQP SHATEQRPQK EPIDQIQATI SLNTDQTTAS SSLPAASQPQ VFQAGTSKPL HSSGINVNAA PFQSMQTVFN MNAPVPPVNE PETLKQQNQY QASYNQSFSS QPHQVEQTEL QQEQLQTVVG TYHGSPDQSH QVTGNHQQPP QQNTGFFRSN QPYYNRSRVS RGGSRGARGL MNGYRGPANG FRGGYDGYRP SFSNTPNSGY TQSQFSAPRD YSGYQRDGYQ QNFKRGSGQS GPRGAPRGRG GPPRPNRGMP QMNTQQVN
Production Note	Special Offer: The Baculovirus host-expressed protein is manufactured from a stock plasmid containing the protein gene. Baculovirus host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Baculovirus host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Baculovirus host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CAPRIN1 recombinant protein	May regulate the transport and translation of mRNAs of proteins involved in synaptic plasticity in neurons and cell proliferation and migration in multiple cell types.
Product Categories/Family for CAPRIN1 recombinant protein	Developmental Biology
References	Identification and characterization of a novel protein (p137) which transcytoses bidirectionally in Caco-2 cells.Ellis J.A., Luzio J.P.J. Biol. Chem. 270:20717-20723(1995) Human chromosome 11 DNA sequence and analysis including novel gene identification.Taylor T.D., Noguchi H., Totoki Y., Toyoda A., Kuroki Y., Dewar K., Lloyd C., Itoh T., Takeda T., Kim D.-W., She X., Barlow K.F., Bloom T., Bruford E., Chang J.L., Cuomo C.A., Eichler E., FitzGerald M.G., Jaffe D.B., LaButti K., Nicol R., Park H.-S., Seaman C., Sougnez C., Yang X., Zimmer A.R., Zody M.C., Birren B.W., Nusbaum C., Fujiyama A., Hattori M., Rogers J., Lander E.S., Sakaki Y.Nature 440:497-500(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	42558250
NCBI GeneID	4076
NCBI Accession #	NP_005889.3
NCBI GenBank Nucleotide #	NM_005898.4
UniProt Accession #	Q14444; Q15074; Q6IMN4; Q6IMN7; Q9BV09; A6NMY7; D3DR06
Molecular Weight	80.7 kDa
NCBI Official Full Name	caprin-1 isoform 1
NCBI Official Synonym Full Names	cell cycle associated protein 1
NCBI Official Symbol	CAPRIN1
NCBI Official Synonym Symbols	M11S1; GPIAP1; RNG105; GPIP137; GRIP137; p137GPI
NCBI Protein Information	caprin-1
UniProt Protein Name	Caprin-1
UniProt Gene Name	CAPRIN1
UniProt Synonym Gene Names	GPIAP1; GPIP137; M11S1; RNG105; GPI-p137; p137GPI
UniProt Entry Name	CAPR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/caprin1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117513>