

## Product datasheet for TP518734

### Caprin1 (NM\_001111290) Mouse Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse cell cycle associated protein 1 (Caprin1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR218734 representing NM_001111290 Red=Cloning site Green=Tags(s)
	<p>MPSATSHSGSGSKSSGPPPPSGSSGSEAAAGAAAPASQHPATGTGAVQTEAMKQILGVIDKCLRNLKLEKKK GKLDDYQERMNKGRLNQDQLDAVSKYQEVNLEFAKELQRSFMALSQDIQTIKKTARREQLMREEAE QKRLKTVLELQYVLDKLGDDDDVRTDLKQGLSGVPILSEEELSLLEDFYKLVDPERDMSLRLENEQYEHASI HLWDLLEGKEKPVCGTTYKALKEIVERVFQSNYFDSTHNLHQNGLCEEEEAASAPTVEDQVAEAEPEPAEE YTEQSEVESTYVNRQFMAETQFSSGEKEQVDEWTVETVEVNSLQQPQAASPSVPEPHSLTPVAQSDP LVRRQRVQDLMAQMGGPYNFIQTLDPAIVSAQPMNPTQNMDMPQLVCPQVHSESRLAQSNNQVPVQPEATQ VPLVSSTSEGYTASQPLYQPSHATEQRPKQEPMDIQATISLNTDQTTASSSLPAASQPQVFQAGTSKPL HSSGINVNAAPFQSMQTVFNMNAPVPPANEPETLKQSQYQATYNQSFSSQPHQVEQTELQQDQLQTVWG TYHGSQDQPHQVPGNHQPPQNTGFPRSSQPYNSRGVSRGSRGARGLMNGYRGPANGFRGGYDGYRP SFSNTPNSGYSQSQFTAPRDYSGYQRDGYQQNFKRGSQSGPRGAPRGRGGPPRPNRGMPPQMNTQQVN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	77.5 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq:	<a href="#">NP_001104760</a>
Locus ID:	53872
UniProt ID:	<a href="#">Q60865</a>
RefSeq Size:	6114
Cytogenetics:	2 E2
RefSeq ORF:	2094
Synonyms:	AL022980; Caprin-1; Gpiap; Gpiap1; Mmgpip137; P137; rng105
Summary:	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 (PubMed:20516077). Binds directly and selectively to MYC and CCND2 RNAs. In neuronal cells, directly binds to several mRNAs associated with RNA granules, including BDNF, CAMK2A, CREB1, MAP2, NTRK2 mRNAs, as well as to GRIN1 and KPNB1 mRNAs, but not to rRNAs (By similarity).[UniProtKB/Swiss-Prot Function]