

## Product datasheet for **SC201620**

### Actin Regulatory Protein CAPG (CAPG) (NM\_001747) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Actin Regulatory Protein CAPG (CAPG) (NM_001747) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CAPG
Synonyms:	AFCP; HEL-S-66; MCP
ACCN:	NM_001747
Insert Size:	170 bp
Insert Sequence:	>SC201620 3'UTR clone of NM_001747 The sequence shown below is from the reference sequence of NM_001747. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTCAAGCAATTTTCAAGGACTGGAAA <b>TGA</b> GGGTGGGCGTCTTCTGCCCCATGCTCCCCTGCCCCCA CCACCTGCCTTGCTTCTCTGGCTGCCTGGTCAGTGCAGAGGTGCCCTGCAGATGTTCAATAAAG GAGACAAGTGCTTTCCAGCTCTTTCTGCA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<a href="#">NM_001747.4</a>



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**Summary:** This gene encodes a member of the gelsolin/villin family of actin-regulatory proteins. The encoded protein reversibly blocks the barbed ends of F-actin filaments in a Ca<sup>2+</sup> and phosphoinositide-regulated manner, but does not sever preformed actin filaments. By capping the barbed ends of actin filaments, the encoded protein contributes to the control of actin-based motility in non-muscle cells. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jan 2012]

**Locus ID:** 822

**MW:** 6.3