

Product datasheet for **SC214038**

Centaurin gamma 1 (AGAP2) (NM_001122772) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	Centaurin gamma 1
Synonyms:	CENTG1; GGAP2; PIKE
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_001122772
Insert Size:	1385 bp



Insert Sequence:

>SC214038 3'UTR clone of NM_001122772

The sequence shown below is from the reference sequence of NM_001122772. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCCGAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGCGCCGACGCCCCGGTTGCGCTGGTATAGTTGCCAGCGGGAGAGACACCCCATCCCCACGCGGGCC
GGGCACGACACACCGGGCGGACCGCTGGACAGACGACCCACTCACCTCTCCGATCCGCACCCCGCCC
CACGGGAGCACTTCTACCCCCACGAGGGCACAGCCCCACGCCTTCCAGAAGACACAACTCACCTCC
CTCTCCCCAACGAGGCATGGAGACCCAGCTCAACACGCCCCCTCTCCATTGTTTCCACACTCGGATTG
CTCTGGGTCTACCCGCTCGGGGTTTCGCGAAGGGGAGGTCCCGAGCGGTACGGGCTCCTAGGCGCTTGG
ACATGCCCCGTTGTGCCCTAGGGGCGGAAAGAAGACCCGGTCTGCCGAGCTCAACAATCCCAGGG
CGGGAGCCCATACCCAGGCTGGCTCCTGGGGGACGCCAGCCAGAGGGAGGGTTTAGTACATGGGAGG
GCTAGCCCCGGGACTTGGGGCAATACGGAACCCTACCCCTTCCATGCTCATCTCACTGCCAGTGAA
GGGGGCAAGGGCAGCGAGGGGAGGACCCCTGCTGCTCATGGGGGTGGGGGTTCCCAACCCTTTCCTGTG
AAAGGGACCGTGAGTAGTGAAACAGGACGTCCCTACACCTACCCATGGGTGGAAGCTAAAGAGTCC
GGGGGAACCAAGAGCTGGGTCCCTCCCACTACTATCTTGGGAGGGAGAAGGGATGGAGCAGGAGCGG
GCTAAGAGGGCTGCGGGGGCTTGTAAATTTATTGCTTTGTTCCCAACATGGGGATGGGGGCGGGCAGG
GGCGTGGGAGGGCGTTTTGGGGTAGGGGAAGCCAGGGTGGGCAGGGGGTGGGTTGGGGTGGGGGTGC
TCTCGGGTTGTGTCTGTGACCGTGACTGCGTACCTGTGACTGTGCAGCGCCCGTGGTGATCTGGGGTAG
GGGGCACCCCTACAGTGGGACCCCTCCCCATTATTCTTTGTCCAGCCCTCCCTCCCACTGGAGCA
GCTCCAGAGCCATTCTCACCCCGTGACCTCTCCAGCCAGGGCTGAGAGGATTCGAGGTGGTGGGA
GGGTTTCCAGGCCCTGCCCCCTCCCACTGGGTGATAGGGCGGACTTACCTGGCCAGCCCTG
CCTCCCTCAGCCAACCCAGCCCTTGGGCTGTCTGTGTGTCAGTGGTTTCCGGTCTTTTTTTTTTTTTTTT
TTCTGGCTAAAATAGTTTGCAAGGACAGGTAATTGGGGAGGGGAGAGAGGTGGGGCAAGGGGAAA
TGCCCCCCCATCTCCTTGGAGGCAGTGGTGTGAATCTTCTTCAACGCAATTAAGAGGAAGTATTTT
GTCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:

SgfI-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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

[NM_001122772.3](#)

Summary:

The protein encoded by this gene belongs to the centaurin gamma-like family. It mediates anti-apoptotic effects of nerve growth factor by activating nuclear phosphoinositide 3-kinase. It is overexpressed in cancer cells, and promotes cancer cell invasion. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]

Locus ID: 116986

MW: 48.5