

Product datasheet for **SC215815**

AP1AR (NM_001128426) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	AP1AR (NM_001128426) Human 3' UTR Clone
Symbol:	AP1AR
Synonyms:	2C18; C4orf16; gamma-BAR; GBAR; PRO0971
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001128426
Insert Size:	2000 bp



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Insert Sequence:	>SC215815 3'UTR clone of NM_001128426 The sequence shown below is from the reference sequence of NM_001128426. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC CATTCTGACACAGATCAACAGACTCGATAGGGTAAAATTGTGTGACCTTGTTTATCAGTTATGACCAAA TGTTAAAAACCACTAGAATGTATAAGTGATTGTGCTTAGCCTTTTTGTAAAGGAGATGTGAAGAAAC CATGTTGTAAATGCTTATTTTATTACAAAGGAGTAGGGATGATAGGATCTGAATTGATACAGAATTAAG TGCAATTTTCATCATCTGCCTTCTGCTTTTCAAGACCAATTTAATGGTCCTGTCATGTTACTGATTAAT TTACTTTGTCTTGTCTTATAGCATTTCTGTTTACTATGGTAGATTTCCACTTTCAATTTTTAAATTA ATTTTACTTTGAATGATTTATGAAGCCTATTTTCTTGTCTAACTATGAAAATTAAGACTTTTTTGT AATTCTCAGCCGATGTGAAGGAAGCATGAGGAGGGATCGTCAGATTCAGATTTAGAATAGTGTCCCGT TTCCAGCATTATTTATTTCTATGACTTCTTTGGATTTTATTATCTAATAGTAAGTACAGTTGATGTGGG TAGATGACTCTAAGAAATGCTGAAGTATCGGCATTACATGTGTTATTTACATGTCTAGTATGATAAT GTTGATTCAATCTGAACAAAAGATAATATAAAAAATAACCCCTTCAGAGTTTGGACATTTCAAGTTGGTAA TAATAAAAAATAATTTAAGAAGATATATATATATATATTTAGTTTTTCCACTTCATTTTACATG CCACTATATTGACTTTAATTGATATACAGTATTAAGTTTTTAGGTGCCATTATTTTTAAAAAATTCTAT ATTTCCAATGAACGATGTTAGATTTTACACAGAACATATCTCTGCATGATTTTCAGAAAAGAAAATCTA AAAAGGTAATACGGGTATTTCAAATAAAATCCTTTCTGGTATGAAAGGCTCCATTGATTTTATTAAGCC TTCCTTTACCTTGTAGTACAAGTGCTTTAATGGGATAGAATAAGCATATCAATATCTATAACTGCAT TTTGTGCTAGACAATTACTGTTCTTTCTCTAAATGTATATGCAATTTACAAGGCCAGGGATAGAAA ACACTCCATAAATTGCTTTCCCTTGATTTTGCTGAGGATTTGGTATGATTTTAGTAAGCAAACTGTTTTT GGTTTTTCTTAATGTTTTTAATTTTTTCTCTTGCAACAATGACGGTGCATGTTCTTATAAATATA GGAAGGTCCAGATATAAATAGTAACCTAAAGTTCTTGCTGTGCTTAAAAAATAATCATGTGGCCCTT TCAATATTTGAAGTCTAAGCAATGACATCTGTAGTTTTATCTCTTTTTTATGTCATAGAAATTAATA TGATACTTTAAATATGTAATATAATACATTAGGTAATGCTATTATTTATATCTGCTTAACATAATTT AAGTTGTAGCTGTGCTTGGAATATTTTTAAGGTAATCTATATTCACATTGCCTGTGTTAATGCTTTT TAAAGTTGTATACATCAGATGTATATTTTTGGTTTGGCATAAGCTACGATTGTAATTTTTCTTGCTT TTTGTTCATAAAGAATTTTTGAAGGAATGGTAACAAATGGTAATTTACAAATGGTTGTGAATAACAC ATTTTTACACTTAAAGGTAATAAGTTATTTGACTATTATTGGTTTTACTCCATAAACATGCAGGTATTC TGATTCCTGACTTGTAATTATTTTATAAATCTGATGTGAAGACAAAAGTAAATTAAGAAAGCAAGATG GAAGTAAAAATGTGTTTTAACTGTTAAAAAAGTTAACGTTTTGTTTTGTGTTTATAAAAAAGTACTA GAAATAACTTATTCAGCAAAATTTGGAATAGTATTTAATATTATTGGAAGTGTGCTGGTGGGTGTAG GGACATAGAAGTACAAAGACATATAAGGTCTCTGCTTTTGTCTTACCATTCTGGTGAGAGAGAGAGAC ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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:	<u>NM_001128426.3</u>

Summary:	Necessary for adaptor protein complex 1 (AP-1)-dependent transport between the trans-Golgi network and endosomes. Regulates the membrane association of AP1G1/gamma1-adaptin, one of the subunits of the AP-1 adaptor complex. The direct interaction with AP1G1/gamma1-adaptin attenuates the release of the AP-1 complex from membranes. Regulates endosomal membrane traffic via association with AP-1 and KIF5B thus linking kinesin-based plus-end-directed microtubular transport to AP-1-dependent membrane traffic. May act as effector of AP-1 in calcium-induced endo-lysosome secretion. Inhibits Arp2/3 complex function; negatively regulates cell spreading, size and motility via intracellular sequestration of the Arp2/3 complex.[UniProtKB/Swiss-Prot Function]
Locus ID:	55435
MW:	78.6