

## Product datasheet for SC301918

### ANXA2R (NM\_001014279) Human Untagged Clone

#### Product data:

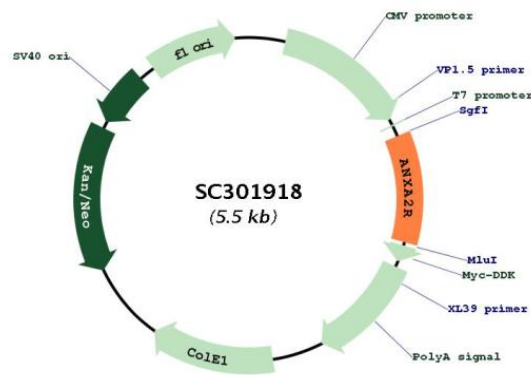
Product Type:	Expression Plasmids
Product Name:	ANXA2R (NM_001014279) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANXA2R
Synonyms:	AX2R; AXIIR; C5orf39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301918 representing NM_001014279. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGCAACATTTTCTGGCTGTGTAAGCGGGCTTGGGATCCGCAGAGGTGGCGCCAGAGCCCCAG
CCTCCACCTATTGTGAGTTCAGAAGATCGTGGCCGTGGCCTTCTCCTTGTATCCAGTACTAGGAGAG
TACTCACTGGACAGCTGTGATTTGGGACTGCTTCCAGCCCTTGCTGGCGGTGCCCGGAGTCTACTGG
CAAAACGGACTCTCTCTGGAGTCCAGAGCACCTTGAACCAAGTACAGCGAAGCCCACTGAGTTCAGT
TGGCCGGGACACAGAAGCAGCAAGAGGCACCCGTAGAAGAGGTGGGACAGCAGAGGAACCCGACAGA
CTCAGGCTCCAGCAGCTCCCTGGAGCAGTCTCTCCATCCCTGGGACAGACAGCAGGACACCGAGGTC
TGTGACAGCGGGTGCCTTTTGAACGCCGCCATCCTCCTGCCCTCCAGCGTGGCGCCACCTCCCGGGT
TTCTCAGACTGCCTGGAGTGGATTCTTCGCGTTGGTTTTGCCGCTTCTCTGTACTCTGGCGTGTGT
TCACGGATCTGTGGAGCTAAGCAGCCTTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



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**Plasmid Map:**


**ACCN:** NM\_001014279

**Insert Size:** 582 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq:	<u>NM_001014279.2</u>
RefSeq Size:	1280 bp
RefSeq ORF:	582 bp
Locus ID:	389289
UniProt ID:	<u>Q3ZCQ2</u>
Cytogenetics:	5p12
Protein Families:	Druggable Genome
MW:	21.7 kDa
Gene Summary:	May act as a receptor for annexin II on marrow stromal cells to induce osteoclast formation. [UniProtKB/Swiss-Prot Function]