

Product datasheet for SC318607

ANKAR (NM_144708) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKAR (NM_144708) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKAR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318607 representing NM_144708. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTTAAGATTGCCAAAAAGGATTACCTAGATTTGAGCAAGTTCAGGATGAAGACACCTACCTGGAA
AATTTAGCAATACAAAGAAATGCATCTGCTTTTTTGA AAAATATGATCGGAGTGAAATACAAGAGTTA
CTAACTACTGCACTAGTTAGCTGGTTGTCTGCCAAGAGGATGTGCGCTCTCAAGTAGACCTCCCATGT
GGAATTATGAGTCAATGAATAACGTAGGCTTCTCCACTGCAATCCTACTGACTCCCGTGGACCCCTACT
GCCCTCTTAGACTATAGAGAGGTCCATCAATGATAAGAGAGTTGGCTATTGGAATTTATTGCCTAAAT
CAATCCCTTCCATCAGTTTGAAGCTAATTATGATCAGAGTTCTTCTTGCAATTACCTCCAGCTTAT
TATGATACCAGAATTGGGCAAAATCTGATCAATATTGACTACATGCTGAAAGCACTATGGCATGGAATA
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ATTCAACAGTATGAAATGTCTTTATTTTGAACAGGCTATTGGCTTACTAATGCTATAAAATATAAT
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GATGAAGCAGGTTATACTATTTTCATCATGCTGCCCTGCACAACAGAGTTTCTATTATATGTCAACTG



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TGCAATGCTAACTTCAAGGTCAACCAGAGGCGCTTTGTTACGTTTCAGCCAAGGTCCAACACCTCTACAC
 CTTGCTGCACAGGCTTGCTCATTAGAAACAACAGTTTGTCTACTGTGTTCCAAAGCTGATTACACGCTT
 TCTGAAAAAGAGGCTGGATGCCGATTCACTTTGCCGCTTTCTATGACAACGTTTGATCATTATTGCT
 CTCTGTAGGAAGGATCCTAGTTTGTAGAACTGAGGCAACAGCTGAGAAATCAGTGCCTCCACTGTTA
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 GAACAAGGAGCTGTTGCACTTTGGGCTTGGCAGGACAAACACTAAAACAACAAAATATATGGCAGAA
 CAAATTGGATACAGCTTTATAATAAATATGCTTTTGTCAACATCAGCTAAATGCAGTATGTTGGAGGT
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 GATAGTCTGTATTCAGTTCAGACTTCTACTATTGTCTTGACAGGGAATTTAATAGCAAGCCTGGCTCAT
 TCTAGAGCTGGTATCCAGAAAGCATTTACCACATTAGGAACAATCAACGCTCTGCTATCATTTGTAC
 TCGGGAATAGAAGAGTTTCGTGCAGCTTGTCTCTGCTTGGTACTTAACATACAATGCAAAATGCT
 TTCCGCATCCTATTAAAAGAATGCAGGAATAAACCTAATCAGTTCATTCTGATAAAAAATATATCAGC
 AGAGATGCAAGTATTAACCCAGCATTTTAAAGGAATTTCAAATGCAACAAACACTGGTGGGACTTCCT
 TCCTTAAGTCTGGAGAAGAATGGAGGACCATCCATAATTCCTATCTTTAAAGAGGGAAGGAGCACCGA
 AGAAAATTAACCTAAATTAACCAAAAGATTCTTTGACTTTATTACCTCCTGTAACCTAACTTCATG
 GGACTCTTCAAAGCAACAAAAAGACCAAGGATTTCCATAATATTTTTCTTTTCTATCTACAATTACA
 TCAGATATCACAATGTATCAAGACCAAGAATAGTGTGTTGAACCAACTGGGAACATGTCCAGAAA
 GCCAACCCAGAGCCTGCAGAAGGCTAA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_144708

Insert Size:

4305 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_144708.3</u>
RefSeq Size:	4443 bp
RefSeq ORF:	4305 bp
Locus ID:	150709
UniProt ID:	<u>Q7Z5J8</u>
Cytogenetics:	2q32.2
MW:	162 kDa