

Product datasheet for **SC322492**

ANKRA2 (NM_023039) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANKRA2 (NM_023039) Human Untagged Clone
Tag:	Tag Free
Symbol:	ANKRA2
Synonyms:	ANKRA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322492
 GGCGGCAAAAACAAAATATTAATAAAAAAGGAGAGAGGGACAAAAAAGAAAACCCGAA
 AGTTTCAGCTGCATTGCTGCGGAACGTTTTTAGCCAGAAGGCGAAAGAAGAAATCGGAA
 GTGACGTGCGGGCCAAAACAAGCCCGGGCTTGGAGGCCTGACTGAAGCTGGCCTCAGAT
 GGAAGGCCCGACTCGCTGTCTGCTGTCGTGCGTGGTTCGCGAGACCTTGCCTCACC
 GTGGGACTTTTCGGGCACAGCTGGCCGGTGGCGACAGAACGGACTTTCTTCTGCAAGA
 GTCTCCCTCCAGCGGGAGACAGCGGGCTCCTGTCTCGGGACGCCGGACACCTGTCGCC
 TATTTTTAAATATCCAGATTCCAAGAACACACTGGATACTGCTCTTACAAAACCAAGAGG
 AAATCATGAAGAAATGTTTTAGTTATTGAAACTACAGTTGAAATCATGGATACATCAACA
 AATCTGGATATTGGAGCCAGCTTATCGTGAAGAGTGTCCAGCACTTATAGCCTAACT
 GGCATGCCAGACATTAATAAGAACATCCACTGGACCCAAATTCAGAAGAAGGGTCAGCT
 CAGGGTGTGCCATGGGAATGAAATTCATATTGCCTAACCGATTTGATATGAATGTGTGT
 TCTCGATTTGTGAAGTCCTTAAATGAAGAAGATAGTAAAAATATTCAAGATCAGGTTAAC
 TCTGACCTGGAGGTGGCATCTGTCTATTTAAAGCTGAATGCAATATCCATACATCTCCT
 TCTCCGGGAATCAAGTAAGGCATGTCTACACCCCTCTACAACAAAGCATTTCTCACCC
 ATAAAACAGTCAACCACTTTAACCAACAAACACAGAGGAAATGAGGTCTCTACCACACT
 CTGTTAGCAAAATCTTTGTCTGTTACACAGTTGGCTGCTCAGGGAGAGATGCTCTATCTG
 GCTACTCGTATCGAACAAGAAAATGTTATCAATCACACGGATGAAGAAGGATTTACTCCT
 CTGATGTGGGCTGCAGCACACGGGCAATAGCTGTGGTAGAGTTCCTACTTCAGAATGGT
 GCTGATCCCCAACTTTTAGGAAAAGGTCGAGAAAGTGCCTGTCGTTGGCCTGTAGTAAA
 GGCTACACAGATATTGCAAAAATGCTGCTTATTGCTGTACATGGAATCATGTGAAATGTGTAAG
 ATGCTCTTAGAAAAGTGGGGCTGATCCAACAATTGAAACTGACTCTGGATATAATTCATG
 GATCTAGCTGTAGCCCTAGGCTATAGAAGTGTCAACAGGTTATTGAGTACATTTGTTG
 AAGCTGCTTCAAAATATCAAGGAGTAGACACAGTCATCAGAAAATGTCTGCCCTTTGTT
 TACTTCTGGTCTTATAAATGATAGTTTTGTTACTTATAAAATTTTACCTCAGTTGCA
 ATATTTACTGGTTTTAGTAGGTTTTAATAAATATTTCTCTGAGTAATTCAGTGGTTTAT
 AATAAATGTAATACTCTTTTTATACTATGTTTTACTGTATATTTAAAATATAAATTA
 TGTTTTCGTGGCATGTAATTTTTATGGTACAGATAGTTATCATCAGTCTTTGTATCAAG
 TGCTGTAATTTGACATTTTCAGAAATTATCTACCCTAGTCATCTCACTCGTGATTA
 GTCAATCACTTTATATAGGGTTTGTATAAATCCCTAGAAAAAATTGTTCTTATTGTTG
 AATAAAAAAGTGACAGTGTGATTGTTTACAAAATGATATTATAAATAAATAAATACTT
 CTCTGTCAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_023039

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:	<ol style="list-style-type: none">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:	NM_023039.2 , NP_075526.1
RefSeq Size:	2048 bp
RefSeq ORF:	942 bp
Locus ID:	57763
UniProt ID:	Q9H9E1
Cytogenetics:	5q13.2
Domains:	ANK
Gene Summary:	May regulate the interaction between the 3M complex and the histone deacetylases HDAC4 and HDAC5 (PubMed:25752541). May also regulate LRP2/megalin (By similarity). [UniProtKB/Swiss-Prot Function]