

Product datasheet for **SC106055**

UNC45A (AL357532) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UNC45A (AL357532) Human Untagged Clone
Tag:	Tag Free
Symbol:	UNC45A
Synonyms:	GC-UNC45; GCUNC-45; GCUNC45; IRO039700; SMAP-1; SMAP1; UNC-45A
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for AL357532, the custom clone sequence may differ by one or more nucleotides

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TCAGCATGAAGCAGTTTGCTGAAGGCTCCACTCTCAAAGTGGCTAAGCAGTGTGCGAAAGTGGCTGTGCAA  
TGACCAGATCGACGCAGGCACTCGGCGCTGGGCAGTGGAGGGCCTGGCTTACCTGACCTTTGATGCCGAC  
GTGAAGGAAGAGTTTGTGGAGGATGCGGCTGCTCTGAAAGCTCTGTTCCAGCTCAGCAGTTGGAGGAGA  
GGTCAGTGCTCTTTGCGGTGGCCTCAGCGCTGGTGAAGTGCACCAACAGCTATGACTACGAGGAGCCCGA  
CCCAAGATGGTGGAGCTGGCCAAGTATGCCAAGCAGCATGTGCCGAGCAGCACCCAAGGACAAGCCA  
AGCTTCGTGCGGGCTCGGGTGAAGAAGCTGCTGGCAGCGGGTGTGGTGTGCGCCATGGTGTGCATGGTGA  
AGACGGAGAGCCCTGTGCTGACCAGTTCCTGCAGAGAGCTGCTCTCCAGGGTCTTCTTGGCTTTAGTGGA  
AAGGGCGCACACATCAGCAGCCTCACCAGCTGTGAGCCTGCTATCAGGCCTGCCCTCCAATAAAAGTGT  
GTAGAACTCCCAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for AL357532 unedited CTCACTATTAGGGCGGCCGGAATTCGCACGAGGGAGAACTTCCACAGACTTTGTGAAAA CTACATCAAGAGCTGTTTGGAGGCCAAGGGCTGGCCGGGAAGCTACGGGCCATCCAGAC GGTGTCTGCCTCCTGCAGGGCCCATGTGACGCTGGCAACCGGGCCTTGGAGCTGAGCGG TGTCATGGAGAGTGTGATTGCTGTGTGCCTCTGAGCAGGAGGAGGAGCAGCTGGTGGC CGTGGAGGCTCTGATCCATGCAGCCGCAAGGCTAAGCGGGCCTCATTTCATCACTGCCAA TGGTGTCTCGCTGCTGAAGGACCTATATAAGTGCAGCGAGAAGGACAGCATCCGCATCCG GGCGTAGTGGGACTCTGTAAGCTCGGTTTCGGCTGGAGGACTGACTTCAGCATGAAGCA GTTTGCTGAAGGCTCCACTCTCAAACCTGGCTAAGCAGTGTGAAAAGTGGCTGTGCAATGA CCAGATCGACGCAGGCACTCGGCGCTGGGCAGTGGAGGGCCTGGCTTACCTGACCTTTGA TGCCGACGTGAAGGAAGAGTTTGTGGAGGATGCGGCTGCTCTGAAAGCTCTGTTCCAGCT CAGCAGTTGGAGGAGAGGTGAGTGTCTTTGCGGTGGCCTCAGCGCTGGTGAAGTGCAC CAACAGCTATGACTACGAGGAGCCCGACCCCAAGATGGTGGAGCTGGCCAAGTATGCCAA GCAGCATGTGCCGAGCAGCACCCCAAGGACAGCAAGCTTCGTGCGGGGCTCGGTGAAA AAGCTGCTGCANNCGGTGGTGGTGTGCGCCATGGTGTGCATGGGTGAAAANNGAAAGCCC TGTGGCTGACCCAGTTCTGCANAGAGCTGCTCTCCAGGGTCTTCTTG
Restriction Sites:	NotI-NotI
ACCN:	AL357532
Insert Size:	2250 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).
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:	AL357532.1
RefSeq Size:	588 bp
RefSeq ORF:	588 bp
Locus ID:	55898
Cytogenetics:	15q26.1
Gene Summary:	This gene encodes a regulatory component of the progesterone receptor/heat shock protein 90 chaperoning complex, which functions in the assembly and folding of the progesterone receptor. The encoded protein is thought to be essential for normal cell proliferation, and for the accumulation of myosin during development of muscle cells. [provided by RefSeq, Sep 2018]