

Product datasheet for **SC102488**

LOC100131938 (AK093508) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC100131938 (AK093508) Human Untagged Clone
Tag:	Tag Free
Symbol:	LOC100131938
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK093508, the custom clone sequence may differ by one or more nucleotides

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AACCCCGTTACCCCCAGCCACACACCACCACCCAGTTTGGGTGGGAGAAGGCAAAGGGAGAGATC
ATCTCTCAAAAAGCTCCCATCAGAGCAACCATTTCTGGGACTTTGAGCAGAATGCTTAAGGCAGTGGTTCT
AAATTCACACACACCTGTTCTTCCAGTTGTGTCTCTGAGCTGCCTCTGACGGTCACATTCCATGGC
CATGTGCCACAGCAGACTTGTGATACTGATTTTAGTGTTGCTTGGCCATTGGGGGAAGGGAGGAAGGA
GAGAGAAGAGAAGGGGAGAGAAGAAGAGAAATGGGAGTGGGGTCCATTATCCATCTCTTGTCTATTAG
GGGCCCAGCAGTCCCACTATGGTACCTAGGAACTAGCTTGGACCTGGAGGCCATCCAGTGACCTAGTC
TGGGCCAGTAAAGCCACCAGGCCATTTTCTGCTCGGACATGCTTCTCAGCTGCCCTCCCCCTTAGCT
AAGGCTGAAATGACTCATCTTCCCGTGCCTAGTTCCACGGGTTTCATCTCTGTGACTCGGGACAGAGG
CCTTGGTTGCCACAAAGGCAGCTTATGGTGTAGCTTCAGGTCTGGCCTGACTCAGTGGCCTTCCCTCAG
CTATTCATACAGAGGCAGTTAATGAAGAAGACACAAGGGTAGCAGGCCTGAGGGATAACTCAAGGCTA
ACGTGTCTTTTTTCCAGTACTTACTCTTCTTTGAATTTAAGAATTCAGATTTTATTCTAAGTCAGAG
AATACTGTGAGAAAGGATTTTATTGTATCCACTCTCTCCAAATGGTGTGAACATCTGGATTGTCATCCTT
CCCATGACAGATATCACAATTTGGGTTGGGTTTGCATGCTGAGGATGATTTTGGTATTAGCTAACAC
CCTTCTTTAAGGAAGTTAGAACACTTGATAAATTTAAGCTTTTGATCCTCAGTAGTACCCTGGAAAA
TTAAGGTCCAGTGAGGTAATTTGCTTGATTAATTATATGACATGCACTGCTTTTGGTGGCTCTTTGT
TGTGTTTTGTTTTTCTTCTCCTTCATTTGTTAAAAAGAAATATGTGAATGTCAGGTTAGCAGTGTT
CTATTTTCATAGGATAAGCCCCATCTCTAGTACTGTTTATTTCCATTGTGCCTATTTTTCAGGGAACCT
GTGCATTTCCACATTTCCATCACCAGCTCTAAGAAGAAAAAGAAAATGAGATATTAGAAGGAAATAGAA
CAAAAACATCTGCCTTCAAGGAGCTCACAGTCTAGTTCTGGAGACTGGACATAAGCAGCTCTGCTCTC
TGCTTGGACTGGTGTCACTGTGATCATTCTAAGTTACAGAGACAGTTGACGGCTTTGGAGTGAAAGCTAG
GAGCCAAGGAGTCTGAGAAAATAAATGGGCATGGAATGTCCTGGATAATTCTGTGGTGGGGAATTT
AATTCTGAACCACTAAGTACTATTAAGAAGCTGATGCCAACTAAATAGGCAGAAATTTTACAAAAGCTG
CCAGAGTTTAGAAACCAACCCAGTGTCATAGCTTCAGGGGAGCAAACTACCACTCTACCAAGTTGGA
AAAAATGAAGAATGCTTCAAACTGAATCCAGCTGATCCTGGAGGCCACTGACCCTGTCTAATGGAGACA
AAAAGTGACAGTATTTGAAAAAAGCCTGGTTTTGGTACAGCTCTCCAGAACCCACGGGAAGAACCTGT
TCATCAGCTCATCCATCCGTCTGCTGAGTAAATGCTTATTGAGCATCTGCTGAATGCCAGCACTGTTCTT
TGTTCTTGAATACATCAGTAAACAAAATAAGAAAAACAAAACC
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5' Read Nucleotide Sequence:

>OriGene 5' read for AK093508 unedited

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GGTGCAAATTTTGTATACGACTCATATAGGCGGCNCGCGATTTCGGCACCAGGACATTGGA
GACATTTTACAGCAAATTATGACCATCACAGACCAGAGTTTGGATGAGGCGCAGGCCAGA
AAACATGCTTTAACTGCCACAGAATGAAGCCTGCCTTGTAAATGTGTTGTGTGAAATC
AAAGAAAAACAGGGAGAGATCATCTCTCAAAAAGCTCCCATCAGAGCAACCATTTCTGGG
ACTTTGAGCAGAATGCTTAAGGCAGTGGTTCTAAAATTCACACCACCTGTTCTTCCAGT
TGTGTCTCTCTGAGCTGCCTCTGACGGTCACATTCCATGGCCATGTGCCACAGCAGACT
TGTGATACTGATTTTGTGTTGCTTGGCCATTGGGGGAAGGGAGGAAGGAGAGAGAAG
AGAAGGGGAGAGAAGAAGAGAAATGGGAGTGGGGTCCATTATCCATCTCTTGTCTATT
AGGGGCCAGCAGTTCCCACTATGGTACCTAGGAACTAGCTTGGACCTGGAGGCCATCC
AGTGACCTAGTCTGGGCCAGTAAAGCCACCAGGCCATTTTCTGCTTCGGACATGCTTTC
TCAGCTGCCCTCCCCCTTAGCTAAGGCTGAAATGACTCATCTTCCCGTGCCTAGTTCCA
CGGGGTTTCATCTCTGTGACTCGGGACAGAGGCCTTGGTTGCCACAAAGGCAGCTTATG
GTGTAGTTTCAGGTCTGGCCTGACTCAGTGGCCTTCCCTCAGCTATTCATACANGAGCA
GTTAATGAAGAAGACACANAGGTAGCANGCCTGAGGGATAAAGGCTAAGGCTAAGCTGTCT
TTTTTCCAGTACTTACTCTTCTTTTGTATTTAAGAATCCAGATTTATTCTTAGTCAGA
AATACTGTGAGAAAAGATTNTATTGNATCCACTCTCTCCAAATGTGC
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Restriction Sites: NotI-NotI

ACCN:	AK093508
Insert Size:	4700 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:	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>AK093508.1</u>
RefSeq Size:	1864 bp
RefSeq ORF:	1864 bp
Locus ID:	100131938
Cytogenetics:	1q23.3