

Product datasheet for **SC126388**

ALX1 (NM_006982) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ALX1 (NM_006982) Human Untagged Clone
Tag: Tag Free
Symbol: ALX1
Synonyms: CART1; FND3; HEL23
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006982 edited
GGGGAGGATTATGGAGTTTCTGAGCGAGAAGTTTGCCCTCAAGAGCCCTCCGAGTAAAAA
CAGTGACTTTTACATGGGCGCAGGAGTCTCTGGAGCAGTTATGGAGACGCTGGACAA
TGAGTCCTTTTACAGCAAAGCGTCTGCAGGCAAATGCGTGCAGGCCTTCGGACCCCTGCC
CCGCGCCGAGCATCACGTGCGCTTGAGAGGACCTCGCCCTGTCAGGACAGCAGCGTGAA
CTATGGGATCACTAAAGTAGAAGGACAGCCCTTACACCGAACTGAATAGAGCTATGGA
CAACTGTAACAGTCTCCGAATGTCTCCCGTGAAAGGGATGCAAGAGAAGGGAGAGCTGGA
TGAAGTGGGGATAAATGTGATAGCAATGTATCCAGCAGTAAGAAACGGAGGCACCGAAC
CACCTTCACCAGTTTGCAGCTAGAGGAGCTGGAGAAAGTCTTTCAGAAAACCTATTACCC
GGATGTGTATGTCAGAGAACAGCTTGCTCTGAGGACAGAGCTCACTGAGGCCAGGTCCA
GGTTTGGTTTCAAATCGAAGGGCCAAATGGAGAAAAAGGGAACGTTATGGCCAAATACA
ACAAGCGAAAAGCCATTTTGCTGCCACCTATGATATATCAGTTTTGCCAAGGACTGACAG
CTACCCACAGATTGAGAAATTTGTTGGCAGGAAATGCAAGTGGTGGTTCTGTGGTTAC
TTCATGCATGTTACCACGTGACACTTCTCTGTATGACACCTTATTCTCACTCGCCTCG
GACAGATTCCAGTTACACGGGGTTTTCAAACCACCAGAACCAGTTCAGCCACGTGCCCT
CAACAATTTTTCACTGACTCTCTTCTTACTGGGGCAACCAATGGACATGCATTTGAAAC
AAAGCCAGAGTTTGAAGGAGGTCTTCCAGTATCGCAGTCTTTCGAATGAAAGCCAAGGA
GCACACCGCCAATATTTTCATGGCCATGTAACATACAGTACTCTTTATTTTTCTTTTAA
TAGCAAAGTTAAACATTCTTATTTCTCATATTTAAAGGATACCACAATAAGCTGCTGTGT
GTGGAATTGCTAAAGTCAAGATATTCAGTGAGACCAGCTTAAATGAATAGTTGTTATTT
AACATTAATAATCTAAGAATGAACCTCTGAAAAGACTAAATAGGTTTACCATGTGCCAGTC
TCCACAAACCCTGTTTTAGTAGTAAGGTTTTCTTTTCTATTGTACAAGTCAATGAAATA
TGATCACGCAACTTATTAAGAATAAATGTGTTAAACAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006982 unedited NGGTCAGGATTTGTATACGACTCACTATAGGCGGCCGCGCAATTCGCCATTACGGCCGGG GAGGATTATGGAGTTTCTGAGCGAGAAGTTTGCCCTCAAGAGCCCTCCGAGTAAAAACAG TGACTTTTACATGGGCGCAGGAGTCTCTGGAGCACGTTATGGAGACGCTGGACAATGA GTCCTTTTACAGCAAAGCGTCTGCAGGCAAATGCGTGCAGGCCTTCGGACCCCTGCCCGG CGCCGAGCATCACGTGCGCTTGGAGAGGACCTCGCCCTGTCAGGACAGCAGCGTAACTA TGGGATCACTAAAGTAGAAGGACAGCCCTTACACCCGAATGAATAGAGCTATGGACAA CTGTAACAGTCTCCGAATGTCTCCCGTGAAGGGATGCAAGAGAAGGGAGAGCTGGATGA ACTTGGGGATAAATGTGATAGCAATGTATCCAGCAGTAAGAAAACGGAGGCACCGAACCA CTTACCAGTTTGCAGCTAGAGGAGCTGGAGAAAGTCTTTCAGAAAACCTATTACCCGGA TGTGTATGTCAGAGAACAGCTTGTCTGAGGACAGAGCTCACTGAGGCCAGGGTCCAGGT TTGGTTTCAAATCGAAGGGCAAATGGAGAAAAAGGGAACGTTATGGCCAAATACAACA AGCGAAAAGCCATTTTGTGCCANCTATGATATATCAGTTTTGCCAAGGACTGACAGCTA CCCACAGATTCAAAACAATTTGTGGGCANGAAATGCAAGTGGTGGTTCTGTGGTTACTTC ATGCATGTTACCACGTGACACTTCTNCTGTATGACACCTTATCTCACTCGGCTCCGGA AGATTCCAGTTACACCGGTTTTCAAACCACCAACCAGGTAAGCCACGTGGCCCTCAAC AATTTTTTACTGACTCCCTTCTTACTGGGGACCAAGGGAATGC
Restriction Sites:	Please inquire
ACCN:	NM_006982
Insert Size:	1500 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:	NM_006982.1 , NP_008913.1
RefSeq Size:	1442 bp
RefSeq ORF:	981 bp
Locus ID:	8092
UniProt ID:	Q15699
Cytogenetics:	12q21.31
Protein Families:	Transcription Factors

Gene Summary:

The specific function of this gene has yet to be determined in humans; however, in rodents, it is necessary for survival of the forebrain mesenchyme and may also be involved in development of the cervix. Mutations in the mouse gene lead to neural tube defects such as acrania and meroanencephaly. [provided by RefSeq, Jul 2008]