

## Product datasheet for SC303779

### ALX3 (NM\_006492) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ALX3 (NM_006492) Human Untagged Clone
Tag:	Tag Free
Symbol:	ALX3
Synonyms:	FND; FND1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303779 representing NM_006492. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACCCGAGCACTGCGGCCTTTCCGCGTGGGGCCTGCACCCGGCCCTATGTGGCCTCGGGGGAC
GAGCCTCCGGGCCCGCAGGGAACCCCGCGCTGCGCCTCACCTGCACCCGCGCCGCCCCGCGGCCG
CGGCTGACCCGCTTTCCGGCCTGCGGGCCCTGGAGCCCTACCTCCAGAGCCGGCAAGCCGCCGCC
AAGTACCTGCAGGACCTCGGGCCCGCCCGCCCTCACGGCGGCCACTTCTACGAGGGCCCGCGGAA
GCTGAGGAGAAGACCTCAAAGCTGCCAGCTTCCCCAGCTGCCCTTGGACTGCCGAGGGGGCCCCAGA
GACGGGCCCTCTAACTTGCAAGGCTCCCCAGGCCCTGCCTGGCCAGCCTGCATCTTCTCTTTCCCG
GGACTCCCTGACTCCATGGAGTTGGCCAAGAACAAGAGCAAGAAGCGTCGTAACCGCACGACCTTCAGC
ACATTCAGCTGGAGGAGCTGGAGAAGGTCTTCCAGAAAACCACTATCCTGATGTGTATGCCCGGGAG
CAGCTGGCCCTGCGCACAGACCTGACTGAGGCCCGGTACAGGTCTGGTCCAGAACCGCAGAGCCAAG
TGGCGGAAGCGGAGCGTTATGGGAAGTCCAGGAGGGGGCGGAACCCCTTACGGCTGCCTATGACATC
TCTGTGCTGCCCCGACTGACAGCCACCCTCAGCTGCAGAACTCCCTGTGGGCCAGTCCAGGATCTGGG
AGCCCTGGAGGCCCTGCCTTGTGTCTCCAGAGGGCATCCCTCCCCATGCATGTCTCCATATCCCAC
CCCCATGGGAGTGTGGCTGGCTTTCATGGGGTCCAGCCCTTCTGCGGCTCACCTGGCATCTACTCC
ATCCATGGCTTTCCCCACCCTGGGGGGCCACAGCTTTGAGCCTTCTCAGATGGTGACTATAAGTCT
CCAAGCCTCGTCTCGCTCAGGGTAAAGCCAAGGAGCCACCCGGCCTTCTGAACTGGACCAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_006492
Insert Size:	1032 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_006492.2</a>
<b>RefSeq Size:</b>	1478 bp
<b>RefSeq ORF:</b>	1032 bp
<b>Locus ID:</b>	257
<b>UniProt ID:</b>	<a href="#">O95076</a>
<b>Cytogenetics:</b>	1p13.3
<b>MW:</b>	36.9 kDa
<b>Gene Summary:</b>	This gene encodes a nuclear protein with a homeobox DNA-binding domain that functions as a transcriptional regulator involved in cell-type differentiation and development. Preferential methylation of this gene's promoter is associated with advanced-stage neuroblastoma tumors. [provided by RefSeq, Jul 2008]