

## Product datasheet for **SC114074**

### **FNDC8 (NM\_017559) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FNDC8 (NM_017559) Human Untagged Clone
Tag:	Tag Free
Symbol:	FNDC8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>&gt;OriGene sequence for NM_017559 edited</p> <pre> CTCTCTGCTTCTGGTCAGCTGGGTGTGCCTGCATGGTGACGGGTGCATCCCGAACAAAT CAGATGGCATCAGAGGCACTCCATCAAGTGGGAGATGGGGAGGAGGCTGTACTGAAGAAA GAAAACCTCAACATGATGAATGCCCTTGACCAACTGCCAAAACCCCTTCCAAACCCCAAG TCTATGAACCGGACCGTCACTACCAAAGGACTCCCACTAGCCTCAAAGGGCAATTTGGTC AACTTCTTGGAGGATGATACCATCAACCTACTGAAGCCGCTGCCAGTAGAGGATTCAGAC TGCAGCTCTGATGAGACCAGCATCTCTGCCTTCTCATCCACCTTGCTGAACCCCATCAA TTAGCTGTGACCCAGCCCAACAGCAGCTTCTTTGCAGGGATGCTGGAGGGGGAGCTGAAC AAACTCAGCTTCTCCCAATGGCCAAGAATGCAGAAAAATGAGGACCTGGCGCTCGGCCCC TGCCCATGCCCATCGAAGTCCCAGATGGCCACAAGGGGCCTGCTGGACCTTGACAACCT GAGCTGGAGACAGAAACCTCCTCAACGCACTCAGAATCTTCTGTGGTTGTGGACCTGCC GACACCCCTTTCATCTTTGAGCACACAGTCAACAATTCCACAGCTGTGATTTCTGGACC TACGCCTTGGGCAAGCAGCCGGTCAAGTTTCTACCAGCTCCTGTTACAGGAGGTGGCCAAG ACACAGGAGAATGAGTTGCCCGAGGCAAAGAATCGTCCATGGATCTTCAACAAGATTTTG GGCACTACTGTCAAGCTGATGGAGCTAAAGCCTAACACGTGTTACTGCCTCAGTGTCCGT GCAGCCAACACAGCTGGGGTGGGAAAGTGGTGAAGCCCTACAAATTTGCAACCTGGCC ACTGACTTCAGCAGCTTCTCTGAGAACTACCCCATCCAGATCACCGTGCGGCGCAAGGAA CCCCGGCAAAAAGATCGTGTCCATCGGGCCGAGGAGATGCGGAGGCTGGAGGATCTGGAA TACCTATTTCCCTGTTAAGGGGGAGGGCCCCAGGACACCCCTCACCTACTTTTCAGCTTCA ACCCAGGCCCTCAGAAACCAGAGCCATGAGACCTACCATACCACCAGCACCCCTGCGGGC CCGGGGTCTGGCAGAGTGGTATGGGCACCCACCCCTGGGCTGGGGCCAAGGCTACATAG GGGCCCCATTACCTGGAGGCATCTCAGGCCAGGCCATGCCAGGCTCAGCCACTGCCAC AGCTGCTAGACTCCCTCCTCCTCCAAATCTGGGCTGGGTCTAGGTCCCTCATTAAAGAAC TGCAGGTCATCCAGCAAAAAAAAAAAAAA </pre>



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_017559 unedited GGCAATTCGGGATTTGTAACACGTTTACTATAGGCGGCCGCATAACTTCGTATAGCATAC ATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGCTC TCTGCTTCTGGTCAGCTGGGTTGCTCCTGCATGGTGACGGGTGTCATCCCGAACAAATCAG ATGGCATCAGAGGCACTCCATCAAGTGGGAGATGGGGAGGAGGCTGTACTGAAGAAAGAA AACTTCAACATGATGAATGCCCTTGACCAACTGCCAAAACCTTTCCAAACCCCAAGTCT ATGAACCGGACCGTCACTACCAAAGGACTCCCACTAGCCTCAAAGGGCAATTTGGTCAAC TTCTTGGAGGATGATACCATCAACCTACTGAAGCCGCTGCCAGTAGAGGATTCAGACTGC AGCTCTGATGAGACCAGCATCTCTGCCTTCTCATCCACCTTGCTGAACCCCATCAAATTA GCTGTGACCCAGCCCAACAGCAGCTTCTTTGCAGGGATGCTGGAGGGGGAGCTGAACAAA CTCAGCTTCTCCCAATGGCCAAGAATGCAGAAAATGAGGACCTGGCGCTCGGCCCTGC CCATGCCCATCGAAGTCCAGATGGCCACAAGGGGCTGCTGGACCTTGACAACCCTGAG CTGGAGACAGAAACCTCCTCAACGCACTCAGAATCTTCTGTGGTTGTGGACCTGCCGGAC ACCCCTTTCATCTTTGAGCACACAGTCAACAATCCACAGCTGTGATTTCTGGACCTAC GCCTTNGCAAGCAGCCGGTCAGTTTCTACCAGCTCCTGTTACAGGAGGTGGCCAAGACA CAGGAGAATGAGTTGCCCGAGGCANAAATCGTCCATGGATCTTTCACAGATTTTGGCACT ACTGTCAAGCTGTN
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_017559
<b>Insert Size:</b>	1355 bp
<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>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_017559.2</a> , <a href="#">NP_060029.1</a>
<b>RefSeq Size:</b>	1369 bp
<b>RefSeq ORF:</b>	975 bp
<b>Locus ID:</b>	54752
<b>UniProt ID:</b>	<a href="#">Q8TC99</a>
<b>Cytogenetics:</b>	17q12