

## Product datasheet for **SC123851**

### **FAM55A (NXPE1) (NM\_152315) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FAM55A (NXPE1) (NM_152315) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM55A
Synonyms:	FAM55A
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_152315 edited  
 GCCAGTTAAGAACTCACAGGTACTTTTCCAGCCACCCAGATAGGAGAGATCATTAAAAACA  
 GTGCATTCTGTGTACCTGACACCTATTGGCTTTGGTCTGCTCTAACTTATCCATCTCT  
 GTCCATTACTGGAACAACCTCCGCAAAGTCTTATTCCCTAAAACATCACTGATACCATTA  
 AAGCCACTAACAGAGACTGAACTCAGAATAAAGGAAATCATAGAGAACTAGATCAGCAG  
 ATCCCACCCAGACCTTTACCCATGTGAACACCACCACCAGTGCCACACACAGCACAGCC  
 ACCATCTCAACCCTCGAGATACATACTGCAGGGGAGACCAGCTGGACATCCTACTGGAG  
 GTGAGGGACCACTTGGGACAGAGGAAGCAATATGGTGGGGATTTCTGAGGGCCAGGATG  
 TCCTCCCCAGCACTGACGGCAGGTGCTTCAAGAAAGGTGATGGACTTCAACAATGGCACC  
 TACCTGGTCAGCTTCACTCTGTTCTGGGAGGGCCAGGTCTCCCTGTCTCTGCTGCTCATC  
 CACCCAGTGAAGGGCGTCGGCTCTCTGGAGGGCAAGGAACCAAGGCTATGATAAAATT  
 ATTTTCAAAGGCAAATTTGTTAATGGCACCTCTCATGTCTTCACTGAATGTGGCCTGACC  
 CTAAACTCAAATGCTGAACTCTGTGAATATCTGGATGACAGAGACCAAGAAGCCTTCTAT  
 TGTATGAAGCCTCAACACATGCCCTGTGAGGCTCTGACCTACATGACCACCCGGAATAGA  
 GAGGTATCTTATCTTACAGACAAGGAAAACAGCCTTTTCCACAGGTCAAAGTGGGAGTT  
 GAAATGATGAAGGATCGTAAACACATTGATGCTACTAATTGTAACAAGAGAGAAAAAATA  
 GAAGAGACATGCCAAGTTGGAATGAAGCCTCCTGTCCCTGGTGGTTATACTTTACAAAGGA  
 AAATGGATAACAACATTTTGAACCAGGTTCAAGTTAGACACAATTAAGATAAATGGCTGT  
 TTGAAAGGCAAACCTATTACCTCCTGGGAGACTCTACACTACGTGAGTGGATCTACTAC  
 TTCCCCAAAGTTGTA AAAACACTGAAGTTTTTGTATCTTCACTGAAACTGGAATCTTTAAG  
 AAACATTTGCTTCTGGATGCAGAAAGACACACTCAGATTAATGGAAAAACATAGCTAT  
 CCCTTCGTCACTTTCCAGCTCTACTCTCTGATAGATCATGATTATATCCCTCGGAAAT  
 GACCGGTATCAGGTGACAAAAACACAGCCATCGTCATCACCTTTGGCCAGCATTTAGA  
 CCATTTCCATTGACATTTTTATTTCGACGGCCATCGGTGTTCAAAGGCTATTGAAAGA  
 CTGTTCCTAAGAAGCCCAGCCACTAAAGTGATTATTAAGACAGAAAAACATCAGGGAGATG  
 CACATAGAGACAGAGAGGTTTGTAGACTTCCATGGTTATATTCACTATCTTATCATGAAG  
 GATATTTTCAAAGACCTCAACGTGGGCATCATTGATGCCTGGGACATGACCATTGCATAT  
 GGCCTGACACTATCCACCCACCTGATCATGTGATTGGAATCAGATTAACATGTTCTTA  
 AACTACATTTGCTAAGGGATAAACTATACAAAATCACTAGGAACCAATCTCTGCACAT  
 AATCCACATGTATTGTAAGTAAGTTTTACTCATTTTAGGAACTAAGGAAAAATAAATTT  
 AAAAGAATCTGTTTGGGAGGAAGGCTATGTAAGGACAATGACAACCTGATAAGGGATGCA  
 AAACCAAGAGAATCATTATGAAGAATGACTATACCATGCCTGGTTCTGATGCTCGTTTA  
 AAATATTA AAAAAGTTTTTTAAAAGCCAAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_152315 unedited  
 GGCCCGTTTCNGATTTGTATACGACTTATATAGGCGGACCGCATCCCGGGATGCCAGT  
 TAAGAAGTACAGGTACTTTTCCAGCCACCCAGATAGGAGAGATCATTAAACAGTGCAT  
 TCTGTGTACCTGACACCTATTGGCTTTGGTCTGCTCTAACTTATCCATCTCTGTCCAT  
 TACTGGAACAACCTCCGCAAAGTCTTATTCCCTAAAACATCACTGATACCATTAAAGCCA  
 CTAACAGAGACTGAACTCAGAATAAAGGAAATCATAGAGAACTAGATCAGCAGATCCCA  
 CCCAGACCTTTACCCATGTGAACACCACCACCAGTGCCACACACAGCACAGCCACCATC  
 CTCAACCCTCGAGATACATACTGCAGGGGAGACCAGCTGGACATCCTACTGGAGGTGAGG  
 GACCCTTGGGACAGAGGAAGCAATATGGTGGGGATTTCTGAGGGCCAGGATGCCTCC  
 CCAGCACTGACGGCAGGTGCTTCAAGAAAGGTGATGGACTTCAACAATGGCACCTACCTG  
 GTCAGCTTCACTCTGTTCTGGGAGGGCCAGGTCTCCCTGTCTCTGCTGCTCATCCACCC  
 AGTGAAGGGCGTCGGCTCTCTGGAGGGCAAGGAACCAAGGCTATGATAAAATATTTTC  
 AAAGGCAAATTTGTTAATGGCACCTCTCATGTCTTCACTGAATGTGGCCTGACCCTAAAC  
 TCAAAATGCTGAACTCTGTGAATATCTGGATGACAGAGACCAAGAAGCCTTCTATTGTATG  
 AAGCCTCAACACATGCCCTGTGAGGCTCTGACCTACATGACCACCCNGAATAGAGAGGTA  
 TCTTATCTTACAGACAGGAAAACAGCCTTTTCCACAGGGCCAAAN

<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_152315
<b>Insert Size:</b>	4700 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>	<u><a href="#">NM_152315.1</a></u> , <u><a href="#">NP_689528.1</a></u>
<b>RefSeq Size:</b>	1953 bp
<b>RefSeq ORF:</b>	1218 bp
<b>Locus ID:</b>	120400
<b>UniProt ID:</b>	<u><a href="#">Q8N323</a></u>
<b>Cytogenetics:</b>	11q23.2