

Product datasheet for **SC107066**

FAM114A1 (NM_138389) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM114A1 (NM_138389) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM114A1
Synonyms:	Noxp20
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 NM_138389, the custom clone sequence may differ by one or more nucleotides

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ATGTCTGATGATGCTGGTGACACCTTAGCCACTGGAGACAAAGCAGAAGTTACTGAGATGCCTAATAGTG
ATTCTTTACCTGAGGATGCAGAAGTGCAATTGTGATTGAGTGCAGTTTCACATGAGCCAAACACCAGCTGA
CCCCAGAGGGGAGGGGCATGAAAATGCAGCTGTGCAGGGTGCAGGGGCTGCCGCCATTGGGCCCTGTG
CAGCCTCAGGATGCCAACGCCCTGGAGCCCCCTCAATGGAGACGTGACTGAGGATACACTTGCTGAAT
GTATTGATTCCGTCAGCCTTGAGGCAGAACCAGATCCGAAATACCCCTGCAAGAACAGAATTATCTGGC
TGTGGATTCCCCTCCAAGTGAGGAGGATGGGCAGGCTGGGGATCCTGGGGCAAATCTCTGCTGTCGTCA
GCATCTGCCACAGTAGGTCATGGATTGACGGCAGTCAAGGAAAAAGCAGGAGCCACTCTACGGATTCATG
GTGTAAATCTGGATCTTCTGAAGGAGCCCAACCAATACTGAAAACGGAGTCCCTGAAATAACAGATGC
AGCCACAGATCAGGGCCCTGCAGAAAGCCACCCACTTCCCCTTCATCAGCCTCTCGGGGTATGCTGTCT
GCCATCACCAATGTGGTTCAAAACACAGGTAAAAGTGTCTTAAGTGGAGGCTTGATGCGTTGGAATTCA
TCGGCAAGAAAACCATGAATGTCTTGCAGAAAGTGACCCGGGCTTTAAGCGGACCAAGACGCTCATGGA
GAGAACTGTTTCCTTGTCTCAGATGTTAAGGGAAGCTAAGGAGAAGGAGAAGCAGAGACTGGCACAGCAG
CTCACGATGGAGAGAACCAGCAGTACGGGATGCTGTTTGATGAATATCAAGGCTTGTACACCTGGAAG
CCCTGGAATCTGTCCAATGAAAGCGAAAGCAAGGTTCAAGTCAATTTTAGCATCACTTGATGGAGAGAA
GCTGGAATCTTAAAAATGACCTAATTTCCATTAAGACATCTTTCAGCCAAAGAATTAGAGAATGAA
GAAAATCAAGAAGAACAGGCTTAGAAGAAAAGGAGAAGAAATTTGCTCGCATGCTTACAGAGCTTCTCT
TTGAATTACATGTGGCGCCACACCTGACAACTCAATAAGGCCATGAAGAGGGCTCATGACTGGGTGGA
AGAGGATCAAACCGTGGTGTGATGATGTGGCAAAAGTGTCCGAAGAAGAAACAAAGAAGGAAGAAAAG
GAAGAGAAATCTCAAGACCCTCAAGAAGACAAAAGGAGGAAAAGAACTAAGACCATAGAGGAAGTAT
ACATGTCTCCATTGAAAGTCTGGCGGAGGTAAACAGCGCGCTGATTGAGCAGCTTCATAAAGTAGCAGA
ATTAATTCTTCATGGACAGAAGAGGAAAAACAGCTCAGGACCAAGCAAAAGTTCTAATAAAATTAAGT
ACTGCAATGTGCAATGAAGTGGCCTCTTATCAAAGAAGTTTACGAATCTTTAACCAGTGTGGGAGCA
ACAAGAAGGCCGAGGTCTTAACCCCATGATCAGTAGTGTATTGTTAGAGGGCTGCAACAGTACAACGTA
CATACAGGATGCCTTCAGCTGCTGCTGCTGTTCTGCAGGTCTCACATATCCAGACCAGTTGTTTGAAA
GCACAGCCGTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_138389 unedited

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NNNNNNNNNAACCCNNCCCCNNNNNNGGTTCAAATTTGTATACGACTCACTATAGGC
GGCCGCGAATTCGCACGAGCCGCTGACGATCTAAAAGTCTGATGATGCTGGTGACACCT
TAGCCACTGGAGACAAAGCAGAAGTTACTGAGATGCCTAATAGTGATTCTTTACCTGAGG
ATGCAGAAGTGCAATTGTGATTGAGTGCAGTTTCACATGAGCCAAACACCAGCTGACCCCA
GAGGGGAGGGGCATGAAAATGCAGCTGTGCAGGGTGCAGGGGCTGCCGCCATTGGGCCCT
CTGTGCAGCCTCAGGATGCCAACGCCCTGGAGCCCCCTCAATGGAGACGTGACTGAGG
ATACACTTGCTGAATGTATTGATTCCGTCAGCCTTGAGGCAGAACCAGATCCGAAATAC
CCCTGCAAGAACAGAATTATCTGGCTGTGGATTCCCCTCCAAGTGAGGAGGATGGGCAG
GCTGGGGATCCTGGGGCAAATCTCTGCTGTCGTGATCTGCCACAGTAGGTCATGGAT
TGACGGCAGTCAAGGAAAAAGCAGGAGCCACTCTACGGATTGATGGTGAATTTCTGGAT
CTTCTGAAGGAGCCCAACCAATACTGAANACGGAGTCCCTGANATAACAGATGCAGCCA
CAGATCANGGCCCTGCAGAAAGCCACCCACTTCCCCTTCATCAGCCTCTCGGGGTATGC
TGTCTGCCATACCAATGTGGNTTCAAACACAGGTAAAAGTGTCTTAAGTGGNAGCCTTG
ATGCGTNGNAANTTCATCGNCAGAAAACCATGAATGTCCTTGCAGAAAGTGACCCGGGCT
TTAAAGCGACCAAGCGCTCATGGAAAGAACTGTTNCTTGNCTCANATGTNANGNAAGC
TANGGAAAGGANAACNAACTGGCCANNCACTACGATGGAAGAACCGCCTACGNATGC
TGNTGAGATTTCAAGGCTGTCACACTGNAACCTGNAATTT
    
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Restriction Sites:

NotI-NotI

ACCN:

NM_138389

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:	NM_138389.1 , NP_612398.1
RefSeq Size:	2129 bp
RefSeq ORF:	1692 bp
Locus ID:	92689
UniProt ID:	Q8IWE2
Cytogenetics:	4p14
Gene Summary:	The protein encoded by this gene belongs to the FAM114 family and may play a role in neuronal cell development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2017] Transcript Variant: This variant (1) encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.