

## Product datasheet for **SC101152**

### FAM80A (RIMKLA) (NM\_173642) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM80A (RIMKLA) (NM_173642) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM80A
Synonyms:	FAM80A; NAAGS; NAAGS-II; NAAGS2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_173642, the custom clone sequence may differ by one or more nucleotides

```
ATGTGCTCCCAGCTCTGGTTCCTGACGGACCGGCATCCGCGAGGACTACCCGCAGGTGCAGATCCTGC
GCGCCCTCCGGCAGCGCTGCTCCGAGCAGGACGTGCGCTTCCGGGCGGTGCTTATGGACCAGATCGCCGT
CACCATCGTCGGCGGCCACCTCGGCCTCCAGCTAAACCAGAAGGCCCTCACCACCTTCCCGGATGTGGTG
CTTGTACGGGTACCCACACCCTCAGTGCAGTCAGACAGTGACATCACTGTCCTGCGACACCTGGAGAAGC
TGGGCTGCCGGTTGGTCAATCGCCACAGAGCATCTTAAATTGCATCAACAAATTCTGGACGTTCCAAGA
ACTGGCTGGACATGGGGTCCCCATGCCAGACACCTTCTCCTATGGTGGGCATGAAGACTTTTCAAAAATG
ATTGATGAAGCTGAGCCCTGGGCTACCCAGTCGTGGTGAAGAGCACACGAGGCCACCGGGGAAAAGCTG
TTTTTCTGGCAAGAGATAAACATCACCTCTGACATCTGCCATCTGATCCGCCACGATGTGCCCTACCT
GTTCCAGAAGTACGTGAAGGAGTCCCATGGAAAGGACATCCGGGTGGTGGTGGTAGGGGGCCAGGTCATA
GGCTCTATGCTTCGCTGCTCCACTGATGGACGGATGCAGAGCAACTGCTCTCTCGGTGGCGTGGGCGTCA
AGTGTCCGCTGACAGAACAAGGCAAGCAGTTGGCTATTCAGGTGTCCAACATCCTAGGCATGGACTTCTG
TGGCATTGATCTCCTTATCATGGACGATGGCTCCTTTGTGGTGTGTGAGGCAAATGCTAATGTTGGCTTC
CTAGCCTTTGACCAGGCATGCAACTTAGATGTGGTGGGATCATTGCAGACTATACCATGTCCTTGCTGC
CAAATAGGCAGACTGAAAAGATGGCTGTCTCCAGGACTGTCGAGTCCAAGGGAGAAGAACCAGCCGGA
TGGCTGTGCTTCAGCTCAGGGAGTTGCAGAGAGCGTCTATACCATCAACAGTGGGTCTACCTCTAGTGAA
AGTGAGCCTGAAGTGGGAGAGATCCGGGATTCCCTCAGCAAGCACAATGGGGGCCCCACCTCCATGCTGC
CCGAACCTGGCTACAACATTAACAACAGGATTGCTTCTGAGTTAAAACCTAAGTGA
```



[View online »](#)

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_173642 unedited TACTATAGGGCGGCCGGAATTCGGCACGAGGGACGCCTGGCGCACCCGCGGGAGCGGAG CCGTGGCGCGCTCGCCCCGACGCCGGCCGCCCTCCGCTCGCCCTACTGAGCGAGCGGC CCGGGGCGCCGAGGGGTCCGCGCCGCGCGGGGCGCACCCGCCCTGGCCGCATGTGCTCCC AGCTCTGGTTCCTGACGGACCGGCGCATCCGCGAGGACTACCCGAGGTGCAGATCCTGC GCGCCCTCCGGCAGCGCTGCTCCGAGCAGGACGTGCGCTTCCGGGCGGTGCTTATGGAC AGATCGCCGTCACCATCGTCGGCGGCCACCTCGGCTTCAGTTGGAATGAGCCAGGCCCAA AGATTTACCTTTGGAGAAGAGAGATGAAGTCTGGCCTCCAGCTAAACCAGAAGGCCCTC ACCACTTTCGCGATGTGGTGCTGTACGGGTACCCACACCCTCAGTGCAGTCAGACAGT GACATCACTGTCTGCGACACCTGGAGAAGCTGGGCTGCCGTTGGTCAATCGCCACAG AGCATCTTAAATTGCATCAACAAATTCNTGGACGTTCCAAGAAGTGGCTGGACATGGGGT CCCCATGCCAGACACCTTCTCTATGGTGGGCATGAAGACTTTTTAAAAATGATTGATGAA GCTGAGCCCTGGGCTACCCAGTCGTGGTGAAGACACACGAGGCCACCGNGAAAAGCTG TTTTTCTGGCAGAGATAACATCACCTCTCTGCATCTGCCATCTGATC
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_173642
<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_173642.1</a> , <a href="#">NP_775913.1</a>
<b>RefSeq Size:</b>	10583 bp
<b>RefSeq ORF:</b>	1053 bp
<b>Locus ID:</b>	284716
<b>UniProt ID:</b>	<a href="#">Q8IXN7</a>
<b>Cytogenetics:</b>	1p34.2
<b>Gene Summary:</b>	Catalyzes the synthesis of N-acetyl-L-aspartyl-L-glutamate (NAAG) and N-acetyl-L-aspartyl-L-glutamyl-L-glutamate.[UniProtKB/Swiss-Prot Function]