

## Product datasheet for **RC207938**

### FAM80A (RIMKLA) (NM\_173642) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM80A (RIMKLA) (NM_173642) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAM80A
Synonyms:	FAM80A; NAAGS; NAAGS-II; NAAGS2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC207938 representing NM_173642 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGACCAGATCGCCGTCACCATCGTCGGCGGCCACCTCGGCCTCCAGCTAAACCAGAAGGCCCTCACCA  
CTTTCCCGGATGTGGTCTTGTACGGGTACCCACACCCTCAGTGCAGTCAGACAGTGACATCACTGTCTCT  
GCGACACCTGGAGAAGCTGGGCTGCCGGTTGGTCAATCGCCACAGAGCATCTTAAATTGCATCAACAAA  
TTCTGGACGTTCCAAGAAGCTGGCTGGACATGGGGTCCCATGCCAGACACCTTCTCCTATGGTGGGCATG  
AAGACTTTTCAAAAATGATTGATGAAGCTGAGCCCTGGGCTACCCAGTCGTGGTGAAGAGCACACGAGG  
CCACCGGGGAAAAGCTGTTTTCTGGCAAGAGATAAACATCACCTCTCTGACATCTGCCATCTGATCCGC  
CACGATGTGCCCTACCTGTTCCAGAAGTACGTGAAGGAGTCCCATGGAAAAGGACATCCGGGTGGTGGTGG  
TAGGGGGCCAGGTCATAGGCTCTATGCTTCGCTGCTCCACTGATGGACGGATGCAGAGCAACTGCTCTCT  
CGGTGGCGTGGGCGTCAAGTGTCCGCTGACAGAAACAGGCAAGCAGTTGGCTATTCAGGTGTCCAACATC  
CTAGGCATGGACTTCTGTGGCATTGATCTCCTTATCATGGACGATGGCTCCTTTGTGGTGTGTGAGGCAA  
ATGCTAATGTTGGCTTCTAGCCTTTGACCAGGCATGCAACTTAGATGTGGGTGGGATCATTGCAGACTA  
TACCATGTCTTGTGCCAAATAGGCAGACTGGAAAGATGGCTGTCTCCAGGACTGTCGAGTCCAAGG  
GAGAAGAACGAGCCGGATGGCTGTGCTTCAGCTCAGGGAGTTGCAGAGAGCGTATACCATCAACAGTG  
GGTCTACCTCTAGCGAAAAGTGAAGCTGAACTGGGAGAGATCCGGGATTCTCAGCAAGCACAATGGGGGC  
CCCACCCTCCATGCTGCCGAACCTGGCTACAACATTAACAACAGGATTGCTTCTGAGTTAAAACCTTAAG

AC**CGGGCCGC**TCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA  
TTACAAGGATGACGACGATAAGGTTTAA



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**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\\_173642.2](#)

**RefSeq Size:** 10583 bp

**RefSeq ORF:** 1176 bp

**Locus ID:** 284716

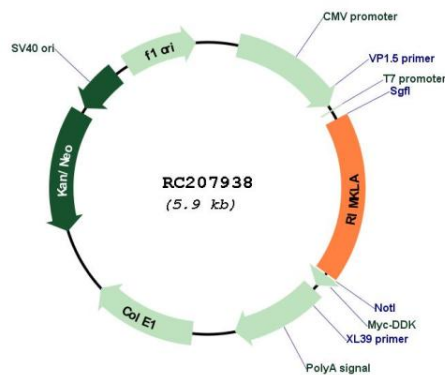
**UniProt ID:** [Q8IXN7](#)

**Cytogenetics:** 1p34.2

**MW:** 42.7 kDa

**Gene Summary:** Catalyzes the synthesis of N-acetyl-L-aspartyl-L-glutamate (NAAG) and N-acetyl-L-aspartyl-L-glutamyl-L-glutamate.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RC207938