

## Product datasheet for **RC216009**

### **FAM177A1 (NM\_173607) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM177A1 (NM_173607) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAM177A1
Synonyms:	C14orf24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC216009 representing NM_173607 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAAGTGGGCTTACCGGCCATTACCCTCTTTCTCACCAGCGCCAGCAGCCCTGTGGTGGCGACGACGA  
TGGACCAGGAGCCAGTGGGCGGTGTGGAACGAGGAGAAGCCGTCGCAGCCTCGGGAGCTGCGGCCCGCC  
GGCATTGGGGAATCTGCAGGGCAGATGAGTAACGAAAGAGGCTTTGAAAATGTAGAACTGGGAGTCATA  
GGAAAAAAGAAGAAAGTCCCAAGGAGAGTCATCCACTTTGTTAGTGGTGAACAATGGAAGAATATAGCA  
CAGATGAAGACGAAGTTGATGGCCTGGAGAAGAAAGATGTTTTGCCTACTGTTGATCCGACAAAATTAC  
CTGGGGTCCCTACTTATGGTTTTACATGCTTCGGGCTGCTACATCAACTCTCAGTGTGTGACTTCCTT  
GGAGAGAAGATTGCATCTGTTTTGGGTATCAGCACCCCAAAGTACCAATATGCCATTGATGAATATTATC  
GGATGAAGAAGGAGGAAGAAGAAGAAGAAGAAAACAGGATGTCTGAAGAAGCAGAAAAACAATATCA  
ACAGAATAAATTGCAGACTGATTCCATTGTTCCAGACAGATCAACCAGAGACAGTGATATCCAGCTCATT  
GTGAATGTCAATTTTGAATGGAGGGAGACAGTGAAGTAATTATGGAAAGCAAGCAAAATCCAGTCTCTG  
TCCACCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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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\\_173607.5](#)

**RefSeq Size:** 2946 bp

**RefSeq ORF:** 711 bp

**Locus ID:** 283635

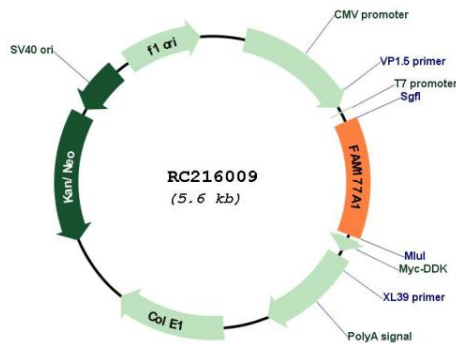
**UniProt ID:** [Q8N128](#)

**Cytogenetics:** 14q13.2

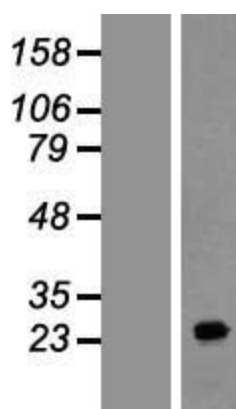
**MW:** 25.9 kDa

**Gene Summary:** This gene encodes a member of a conserved protein family. Alternative splicing results in multiple transcript variants. This gene is thought to be associated with susceptibility to juvenile idiopathic arthritis. [provided by RefSeq, Apr 2017]

**Product images:**



Circular map for RC216009



Western blot validation of overexpression lysate (Cat# [LY406502]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC216009 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).