

## Product datasheet for **RC239131**

### **FKBP9 (NM\_001284341) Human Tagged ORF Clone**

#### **Product data:**

|                           |                                             |
|---------------------------|---------------------------------------------|
| Product Type:             | Expression Plasmids                         |
| Product Name:             | FKBP9 (NM_001284341) Human Tagged ORF Clone |
| Tag:                      | Myc-DDK                                     |
| Symbol:                   | FKBP9                                       |
| Synonyms:                 | FKBP60; FKBP63; PPIase                      |
| Mammalian Cell Selection: | Neomycin                                    |
| Vector:                   | pCMV6-Entry (PS100001)                      |
| E. coli Selection:        | Kanamycin (25 ug/mL)                        |



[View online »](#)

**ORF Nucleotide Sequence:**

>RC239131 representing NM\_001284341  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGTTCCGGGCTGGAGGCCCCCGCCACCCTGCTCCTGCTGCTCTGGGTGACCGGGCAGG  
 CAGCGCCCGTGGCGGGCCTGGGCTCCGACGCGGAGCTGCAGATCGAGCGCGCTTCGTGCCCGACGAGTG  
 CCCGCGCACCGTGCAGCGCGGACTTCGTGCGTACCACTACGTGGGACGTTCCCGACGCGCCAGAAG  
 TTCGACTCCAGGTACTGGGATACAGCGGAGGATAAAGCTGACAAAAGTCCTGCCCTCAAGTCAGGGTTG  
 GGGTGAACACAAGCCCGTCTGCAGACTTAAGCAGAAAGGAGTGGGAATTTATTGAAGGATCTCCAATT  
 CCTTGTGAGGGTCCAGAATCATGGACTGAGCTATGACAGAGACTCCACTTTCAATGTGTTTGTGGAAAA  
 GGACAGCTGATCACAGGGATGGACCAGGCTCTTGTGGGATGTGCGTAAACGAGAGACGTTTCGTGAAGA  
 TTCCCCCAAAGCTTGCTACGGAATGAAGGAGTTTCTGGTGTGATCCCCCAATTCAAGTCTTCATT  
 TGATGTACTTCTGATGGATATTTGGAATTCTGAAGACCAGTTTCAAGTTCACACCTATTTCAAGCCCCG  
 AGTTGCCCTCGGACCATCCAGGTGTCTGATTTTGTGAGGTACCACTACAACGGGACGTTCTCGGACGGAA  
 CTCTGTTTGATTGAGTCAATCGCATGAAAACATATGACACGTATGTGGGAATTGGCTGGCTGATTCC  
 TGGAATGGATAAAGGGCTGCTGGGGATGTGTGGGTGAGAAGCGCATCATCACCATTCTCCTTTTCTG  
 GCCTATGGAGAGGATGGAGATGGAAAGACATTCCTGGTCAGGCATCTCTGGTGTGTTGATGTTGCATTAT  
 TGGACCTCCATAACCCCAAGGACAGCATTTCCATTGAGAACAAAGGTAGTACCTGAAAACGTGAGCGGAT  
 AAGTCAAAGTGGGACTTTCTCAGGTATCATTACAATGGCAGCGTTCTGGATGGCACCCTCTTTGATTCC  
 AGCTACTCTCGAACCACGCTTTGACACGTACATTGGCAGGGCTACGTGATTCCTGGGATGGATGAAG  
 GTCTACTTGGTGTGTTGCATTGGAGAAAAGCAAGGATTGTGGTCCCGCTCACCTGGGGTATGGAGAGGA  
 AGGAAGAGGGAATATCCCGGCTCGGCTGTGCTGGTGTGACATCCATGTGATCGACTCCACAACCCCT  
 TCGGACTCCATCAGCATCACCTCCCACTACAAACCCCTGACTGCTCAGTGTGAGTGAAGAAGGAGATT  
 ACCTCAAATATCACTACAATGCCTCACTTCTGGATGGGACCCTGCTGGACTCCACGTGGAATTTAGGCAA  
 AACTTACAATATTGTTCTGGGATCTGGGCAAGTTGTGTTGGGATGGACATGGGTCTCAGAGAGATGTGC  
 GTTGGCGAGAAACGACAGTGATCATTCGCTCACCTGGGCTATGGGAAGCTGGCGTGGATGGAGAAG  
 TGCCCGGAGTCCGTATTAGTGTGACATTGAGCTGCTGGAGCTGGTGGCTGGCTTCTGAGGGGTA  
 CATGTTTCATATGGAATGGTGAAGGTGTACCCAACCTCTTTGAAGAAATTGACAAGGATGGCAACGGAGAA  
 GTCTCTGGAAGAGTTCTCAGAGTACATTACGCCCAGGTGGCATCTGGCAAAGGGAACCTCGCTCCTG  
 GCTTTGATGCTGAGCTGATTGTGAAGAATATGTTACCAACACGAGACCGAATGGAGATGGGAAGGTAC  
 AGCCGAGGAATTTAAACTCAAAGACCAGGAAGCCAAACACGATGAAGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC239131 representing NM\_001284341  
 Red=Cloning site Green=Tags(s)

MAFRGWRPPPPPLLLLLLWVTGQAAPVAGLGSDAELQIERRFVPDECPRTVRSDFVRYHYVGFDPDQK  
 FDSRYWDTAEDKADKSPCPQVRVGVNTSPSCRLKQKGVGIYWKDLQFLVRVQNHGLSYDRDSTFNVFVGK  
 GQLITGMDQALVGMVNERFVKIPPKLAYGNEGVSGVIPPNSVLHFDVLLMDIWNSEDQVQIHTYFKPP  
 SCPRTIQVSDFVRYHYNGTFLDGTLDSSHNRMKTYDTYVGIGWLIPGMDKLLGMCVGEKRIITIPPFL  
 AYGEDGDGKDIPQASLVFDVALLDLHNPKDSISIENKVPENCERISQSGDFLRHYNGTLLDGTLDSDS  
 SYSRNRTFDITYIGQGYVPGMDELLGVCIGEKRRIVVPHLGYGEEGRNIPGSVLFVDIHFIDFHN  
 SDSISITSHYKPPDCSVLSKKG DYLYHYNASLLDGTLLDSTWNLGKTYNIVLGSQGVVLMGDMGLREMC  
 VGEKRTVIIPPLGYGEAGVDGEVPGSAVLVFDIELLELVAGLPEGYMFVWNEVSPNLFEEIDKDGNGE  
 VLLEEFSEYIHAQVASGKGLAPGFDAELIVKNMFTNQDRNGDGKVTAEFFKLKDQEAHDEL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001284341

**ORF Size:** 1869 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

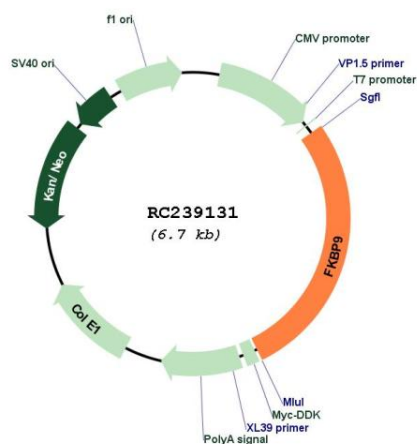
**RefSeq:** [NM\\_001284341.1](#), [NP\\_001271270.1](#)

**RefSeq Size:** 3639 bp

**RefSeq ORF:** 1872 bp

|                   |                                                                                                     |
|-------------------|-----------------------------------------------------------------------------------------------------|
| Locus ID:         | 11328                                                                                               |
| UniProt ID:       | <a href="#">O95302</a>                                                                              |
| Cytogenetics:     | 7p14.3                                                                                              |
| Protein Families: | Druggable Genome                                                                                    |
| MW:               | 69.6 kDa                                                                                            |
| Gene Summary:     | PPlases accelerate the folding of proteins during protein synthesis.[UniProtKB/Swiss-Prot Function] |

## Product images:



Circular map for RC239131