

## Product datasheet for **RC216489**

### Securin 2 (PTTG2) (NM\_006607) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Securin 2 (PTTG2) (NM\_006607) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Securin 2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC216489 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTACTCTGATCTACGTTGATAAGGAAATTGGAGAACCAGGCACCCGTGTGGCTGCCAAGGATGTGC  
TGAAGCTGGAGCTAGACCTTCAATCAAAGCATTAGATGGGATATCTCAAGTTTTAACACGACGTTTTGG  
CAAAACATACGATGCTCCATCAGCCTTACCTAAAGCTACCAGAAAGGCTTTGGGCACTGTCAACAGAGCT  
ACAGAAAAGTCAGTAAAGACCAATGGACCCAGAAAACAAAACAGCCAAGCTTTTCTGCCAAAAGATGA  
CCGAGAAGACTGTTAAAACAAAAGTTCTGTTCCCTGCCTCAGATGACGCCTATCCAGAAAATAGAAAATT  
CTTCCCTTCAATCTTCTAGACTTTGAGAGTTTTGACCTGCTGAAGAGCGCCAGATTGCACACCTCCCC  
TTGAGTGGAGTGCCTCTCATGATCCTTGATGAGGAGGGAGAGCTTGAAAAGCTGTTTCAGCTGGGCCCCC  
CTTCACCTGTGAAAATGCCCTCTCCACCATGGGAATGCAATCTGTTGTCAGTCTCCTTCAAGCATTCTGT  
CGACCCTGGATGTTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC216489 protein sequence  
Red=Cloning site Green=Tags(s)

MATLIYVDKEIGEPGTRVAAKDVLKLESRPSIKALDGISQVLRFRFGKTYDAPSALPKATRKALGTVNRA  
TEKSVKTINGPRKQKQPSFSAKKMTEKTVTKSSVPASDDAYPEIEKFFPNLLDFESFDLPEERQIAHLP  
LSGVPLMILDEEGELEKLFQLGPPSPVKMPSPPWECNLFAVSFKHSVDPGC

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6474\\_a12.zip](https://cdn.origene.com/chromatograms/mk6474_a12.zip)

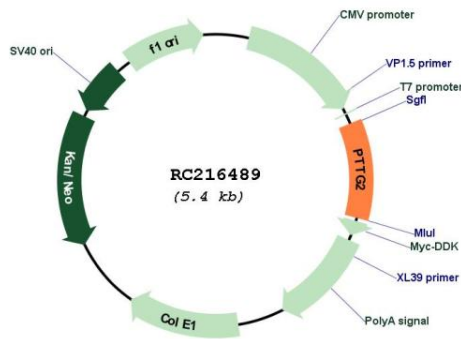


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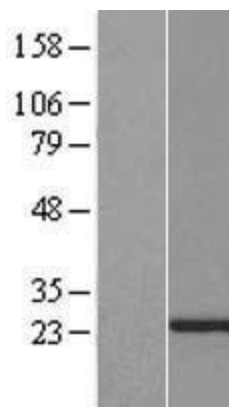


Cytogenetics: 4p14  
 Protein Families: Druggable Genome  
 Protein Pathways: Cell cycle, Oocyte meiosis  
 MW: 21.1 kDa

**Product images:**



Circular map for RC216489



Western blot validation of overexpression lysate (Cat# [LY416531]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC216489 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).