

## Product datasheet for **RC211048**

### **PAGE5 (NM\_001013435) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PAGE5 (NM\_001013435) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** PAGE5  
**Synonyms:** CT16; CT16.1; CT16.2; GAGEE1; PAGE-5  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC211048 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTGAGCATGTAACAAGATCCCAATCCTCAGAAAGAGGAAATGACCAAGAGTCTTCCCAGCCAGTTG  
GACCTGTGATTGTCCAGCAGCCCACTGAGGAAAAACGTCAAGAAGAGGAACCACCAACTGATAATCAGGG  
TATTGCACCTAGTGGGAGATCAAAAATGAAGGAGCACCTGCTGTTCAAGGGACTGATGTGGAAGCTTTT  
CAACAGGAACTGGCTCTGCTTAAGATAGAGGATGCACCTGGAGATGGTCTGATGTCAGGGAGGGGACTC  
TGCCCACTTTTGATCCCACTAAAGTGCTGGAAGCAGGTGAAGGGCACTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC211048 protein sequence  
Red=Cloning site Green=Tags(s)  
MSEHVTRSQSSERGNQDESSQPVGPIVIVQQPTEEKRQEEEEPTDNQGIAPSGEIKNEGAPAVQGTDVVEAF  
QQELALLKIEDAPGDGPDVREGTLPTFDPTKVLEAGEGQL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6544\\_f07.zip](https://cdn.origene.com/chromatograms/mk6544_f07.zip)

**Restriction Sites:** SgfI-MluI



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Cloning Scheme:



ACCN: NM\_001013435

ORF Size: 330 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.

RefSeq: [NM\\_001013435.3](#)

RefSeq Size: 560 bp

RefSeq ORF: 333 bp

Locus ID: 90737

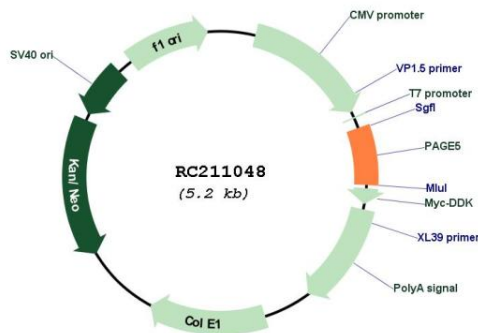
UniProt ID: [Q96GU1](#)

Cytogenetics: Xp11.21

MW: 11.8 kDa

**Gene Summary:** This gene is a member of family of proteins that are expressed in a variety of tumors and in some fetal and reproductive tissues. The encoded protein may protect cells from programmed cell death. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found. [provided by RefSeq, Jan 2015]

**Product images:**



Circular map for RC211048