

Product datasheet for **RG203636**

PAGE5 (NM_130467) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: PAGE5 (NM_130467) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: PAGE5
Synonyms: CT16; CT16.1; CT16.2; GAGEE1; PAGE-5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG203636 representing NM_130467
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATCGAGCGCCATGGGCCGTAATCGTGGCTGGGCTGGAACGAGGGAGGAAGTGAGAGATATGAGTGAGC
 ATGTAACAAGATCCCAATCCTCAGAAAGAGGAAATGACCAAGAGTCTCCAGCCAGTTGGACCTGTGAT
 TGTCCAGCAGCCACTGAGGAAAACGTCAAGAAGAGGAACCACCACTGATAATCAGGGTATTGCACCT
 AGTGGGGAGATCAAAAATGAAGGAGCACCTGCTGTTCAAGGGACTGATGTGGAAGCTTTTCAACAGGAAC
 TGGCTCTGCTTAAGATAGAGGATGCACCTGGAGATGGTCTGATGTCAGGGAGGGGACTCTGCCACTTT
 TGATCCCACTAAAGTCTGGAAGCAGGTGAAGGGCAACTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG203636 representing NM_130467
 Red=Cloning site Green=Tags(s)
 MQAPWAGNRGWAGTREEVRDMSEHVTRSQSSERGNDQESSQPVGPVIVQQPTEEKRQEEEPPTDNQGIAP
 SGEIKNEGAPAVQGTDVEAFQQELALLKIEDAPGDGPDVREGTLPTFDPTKVLEAGEGQL

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



ACCN: NM_130467

ORF Size: 390 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_130467.5](#)

RefSeq Size: 760 bp

RefSeq ORF: 393 bp

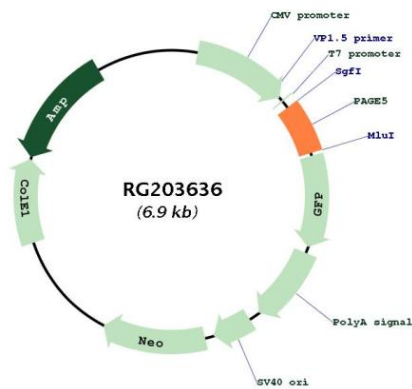
Locus ID: 90737

UniProt ID: [Q96GU1](#)

Cytogenetics: Xp11.21

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 RG203636