

Product datasheet for **MG200288**

Snapc5 (BC028529) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Snapc5 (BC028529) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Snapc5
Synonyms: 2010103A03Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG200288 representing BC028529
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGAGTCGACTGCAGGAGCTCCGCAAGGAGGAGGAAACCCTGCTGCGTCTAAAGCGGCTCTACAG
ACCAACTGAACCGCCTCAAGGTTGAAGAATTAGCCCTTCAATCCATGATAAATTCTCGAGGAAGGACCGA
GACTGTCTTCTCAGCCTGCACCTGAACAGTTATGTGATATGCCCTACATGTAGACAACGAAGTGACA
ATAAATCAGACTACTGAAGCTGAGCACAAGGAGCCCTATGGAAGAAGAAGAGGAGGAAGAGGAGGAGG
AAGAATCTGATTTCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

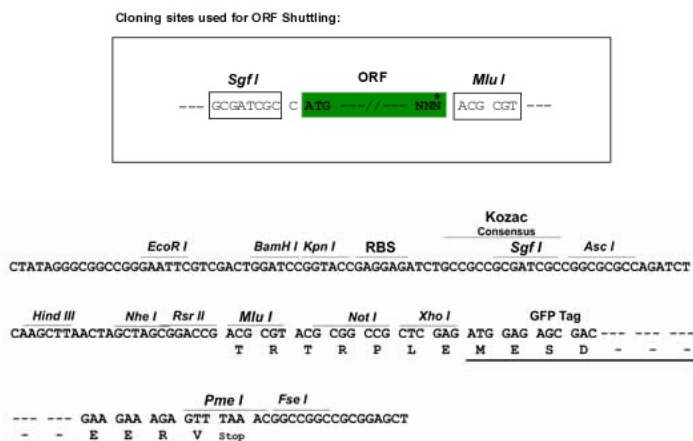
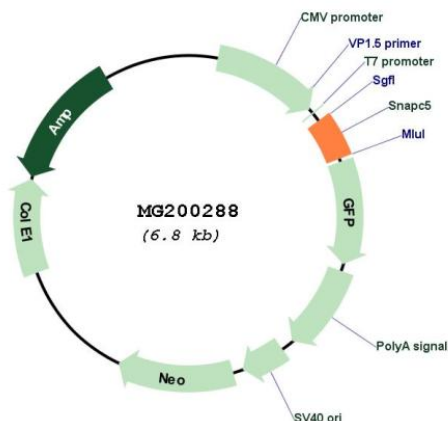
Protein Sequence: >MG200288 representing BC028529
Red=Cloning site Green=Tags(s)
MLSRLQELRKEEETLLRLKAALHDQLNRLKVEELALQSMINSRGRTE TLSSQPAPEQLCDMSLHVDNEVT
INQTTLKLSTRSPMEEEEEEEEEESDS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: BC028529

ORF Size: 296 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:	<ol style="list-style-type: none">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:	BC028529 , AAH28529
RefSeq Size:	762 bp
RefSeq ORF:	296 bp
Locus ID:	330959
Cytogenetics:	9 C
Gene Summary:	Part of the SNAPc complex required for the transcription of both RNA polymerase II and III small-nuclear RNA genes. Binds to the proximal sequence element (PSE), a non-TATA-box basal promoter element common to these 2 types of genes. Recruits TBP and BRF2 to the U6 snRNA TATA box (By similarity).[UniProtKB/Swiss-Prot Function]