

Product datasheet for **RG212333**

SEZ6 (NM_001098635) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEZ6 (NM_001098635) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SEZ6
Synonyms:	BSRPC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide
Sequence:**

>RG212333 representing NM_001098635
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCGCCCGGTAGCCCTGCTGCTCCTGCCCTCGTGTGGCGCTCCTGGCTCACGGACTCTCTTTAGAGG
 CCCAACCCTGGGAAAGGACAAGCCCCAGGCATCGAGGAGACAGATGGCGAGCTGACAGCAGCCCCAC
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 CCGCTGCTTGAAGAAATCCTACAAGAGGGGCTGGAAAAGGGAGATGAGGAGCTGAGGCCAGCACTGCCCT
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 CCTACAGACCTCAGTCCCCACTGATGTTGGCCTGGACTGCTTCTTACATCTCTGTCTACCCTGGC
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 TACGAGACTGGAGAGACGAGAGAATATGAAGTCTCCATC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG212333 representing NM_001098635
Red=Cloning site Green=Tags(s)

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MRPVALLLLPSLLALLAHLGLSLEAPTVGKGQAPGIEETDGELTAAPTPEQPERGVHFVTTAPTLKLLNHH
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TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

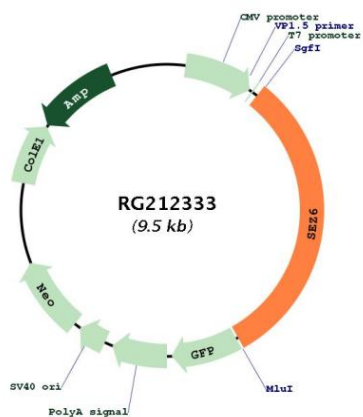


ACCN: NM_001098635

ORF Size: 2979 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:	NM_001098635.2
RefSeq Size:	4234 bp
RefSeq ORF:	2982 bp
Locus ID:	124925
UniProt ID:	Q53EL9
Cytogenetics:	17q11.2
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	The protein encoded by this gene is thought to contain five cysteine-rich motifs that are similar to sushi domains, as well as two domains similar to the amino terminal half of the CUB (for complement C1r/C1s, Uegf, Bmp1) domain. Mutations in this gene have been associated with febrile seizures. [provided by RefSeq, Jul 2016]

Product images:



Circular map for RG212333