

Product datasheet for **RG239711**

SEZ6 (NM_001290202) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SEZ6 (NM_001290202) 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:

>RG239711 representing NM_001290202.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGTGCGGTACCCACTCAGCCCCAGTCCAAGGAGGGACCCTGGAGTCCGGAGTCAGAGTCCCCTATG
CTTCGAATCACAGCTCCCCTACCTCCAGGGCCCAGCATGGCAGTGCCACCCTAGGCCAGGGGAGATA
GCCAGCACTACACCCCCAGCAGAGCCTGGACACCAACCAAGAGGGTCTTGAGACATGGGAAGGCCG
TGGTTGCAGAGTTGTGTCCCAGGGCGCAGGGATCGGGATCCAGGGGACCATCACCTCCTCCAGACT
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CCAGGCCCTTGTAGCTGGAATTTCTCAGGCCAGAGGGCTCTCTGGACTCCCCTACAGACCTCAGCTCC
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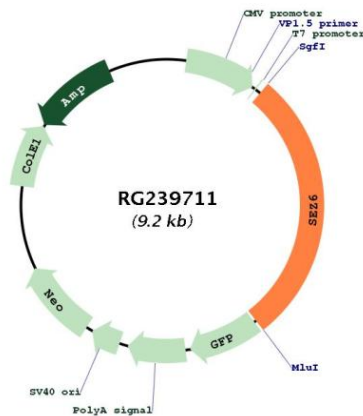
Protein Sequence: >Peptide sequence encoded by RG239711
Blue=ORF Red=Cloning site Green=Tag(s)

MAAVPTQPQSKEGPWSESESPMLRITAPLPPGPSMAVPTLGPGEIASTPPSRAWPTQECPGDMGRP
WVAEVVSQGAGIGIQGTITSSTASGDDEETTTTTIITTTITTTVQTPGPCSWNFSGPEGLDSDPTLSS
PTDVGLDCFFYISVYPGYGVEIKVQNISLREGETVTVEGLGGPDPLPLANQSFLLRGQVIRSPHQAL
RFQSLPPPAGPGTFHFHYQAYLLSCHFPRRPAYGDVTVTSLHPGGSARFHCAATGYQLKGRHLTCLNAT
QPFWDSKEPVCI AACGGVIRNATTGRIVSPGFPNGYSNNLTCHWLLAEPEGQRLHLHFEKVSLAEDDDR
LIIRNGDNVEAPPVYDSYEVEYLP IEGLLSSGKHFFVELSTSSGAAAGMALRYEAFQQGHCEYEPFVKY
GNFSSSTPTYPVGTTFVEFSCDPGYLEQGSIIIECVDPHDPQWNETEPACRAVCSGEITDSAGVVLSPN
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VTIQFQSDPGTSLVGYQQGFVIHFFEVPRNDTCPELPEIPNGWKSQPELVHGTVVVYQCYPGYQVVG
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TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYP SGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: Sgfl-MluI

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).
RefSeq:	NM_001290202.1 , NP_001277131.1
RefSeq Size:	4075 bp
RefSeq ORF:	2610 bp
Locus ID:	124925
UniProt ID:	Q53EL9
Cytogenetics:	17q11.2
Protein Families:	Druggable Genome, Transmembrane
MW:	94.1 kDa
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 RG239711