

Product datasheet for **RG229137**

c8orf84 (SBSPON) (NM_153225) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	c8orf84 (SBSPON) (NM_153225) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SBSPON
Synonyms:	C8orf84; RPESP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG229137 representing NM_153225 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGACCCTGTGGATGGCGCTGTGCGCGCTGTGCGGGCTGTGGCCCGGGGCCAGGCCGGCTGCGCCG
AGGCCGGGCGCTGCTGTCCCGCCGGGACCCCGCCTGCTTCGCCCGCGGCTGGAGGCTGGACAGGGTCTA
CGGGACGTGTTTCTGCGACCAAGCCTGTCGCTTACCAGGGGACTGCTGCTTCGACTACGACAGGGCGTGC
CCAGCTCGCCCGTCTTCGTGGGGGAATGGAGCCCTGGAGTGGTTGTGCAGACCAGTGAAGCCTACAA
CCCGTGTGCGGAGGCGCTCGGTGCAGCAGGAGCCTCAGAACGGCGGGGCGCCCTGCCACCCCTGGAAGA
GAGAGCTGGCTGCCTGGAGTACTCCACCCCGCAGGGCCAGGACTGCGGGCACACCTATGTTCTGCCTTT
ATAACTACCTCTGCATTCAACAAGGAGAGAACACGACAAGCTACGTCTCCACACTGGTCTACACACACAG
AGGATGCTGGATACTGTATGGAGTTTAAGACAGAGTCCTTGACTCCTCACTGTGCTCTGGAAAACGGCC
CTTGACTAGATGGATGCAGTATCTCCGAGAGGGATACACGGTGTGTGGATTGTGAGCCTCCAGCTATG
AACTCTGTGAGCCTTCGTTGTTCTGGAGATGGCCTGGACTCCGATGGAATCAGACTCTCCATTGGCAAG
CAATTGGTAATCCTCGGTGTCAAGGAACCTGGAAAAAGTTCCGGCAGTAGACCAGTGTCTTGTCCAGC
TGTTACAGTTTTATTTTTATA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG229137 representing NM_153225
Red=Cloning site Green=Tags(s)

MRTLWMALCALSRLLWPGAQAGCAEAGRCCPGRDPACFARGWRLDRVYGTFCFDQACRFTGDCCFDYDRAC
 PARPCFVGEWSPWSGCADQCKPTTRVRRRSVQQEPQNGGAPCPPLLEERAGCLEYSTPQQGDCGHTYVPAF
 ITTSAFNKERTRQATSPHWSTHTEDAGYCMFEKTESLTPHCALENWPLTRWMQYLREGYTVCVDCQPPAM
 NSVSLRCSGDGLDSDGNQTLHWQAIGNPRCQGTWKKVRRVDQCSCPAVHSFIFI

TRTRPLE - GFP Tag - V

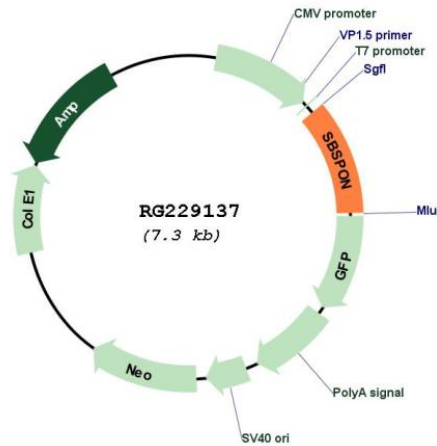
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_153225

ORF Size: 792 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_153225.4
RefSeq Size:	3804 bp
RefSeq ORF:	795 bp
Locus ID:	157869
UniProt ID:	Q8IVN8
Cytogenetics:	8q21.11