

Product datasheet for **RG215683**

BRPF3 (NM_015695) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	BRPF3
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PSI00010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG215683 representing NM_015695
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGGAAGCCTCGTCGGAAGTCCCGGCAGAATGCCGAGGGCCGGCGTTCCCCGTCCCCCTACAGTCTCA
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ACGCGCTGCATCGTATCAGCATCTATGACCCACTCAAAATCATTACTGAAGATGAGCTAACTGCCAGGAT
ATCACCGAATGCAATAGTAACAAGGAAAACAGTGAACAGCCTCAGTTCCTGGCAAGTCCAAGAAAACCT
CATCCAAGGGCAAAAAGGAATCCTGCTCAAGCATGCATCTGGTACTTCCTCCACCTCCCACAGCC
CAGCTTCGGTATGGTGGACTCAGGCATCCAGCCAGAAGCACCCTGGCTGCTGCTACTACCGCTAC
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AGCAGAGTCCGGGGCCCCACTCTTCGTCACTTCCAGCTACCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG215683 representing NM_015695

Red=Cloning site Green=Tags(s)

MRKPRKRSRQNAEGRSPSPYSLKCSPTRETLTYAQARIVEVDIDGRHLRISIDPLKIITEDELTAQD
ITECNSNKENSEQPGKSKKPSSKGGKKESSKHASGTSFHLPPQPSFRMVDSGIQPEAPPLPAAYYRY
IEKPPEDLDAEVEYDMDEEDLAWLDMVNEKRRVDGHSLSVADTFELLVDRLEKESYLESRSSGAQQSLID
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QTSBGHWAHVCAIWIPEVCFANTVFLPIEGIDNIPPARKLTCYICKQKGLGAAIQCHKVNCYAFHV
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TGPAPSLSEQESPEPPTLKPINDSKPPSRFLKPRKVEEDELLEKSPQLGNEPLQRLSDNGINRLSLM
APDTPAGTPLSGVGRRTSVLFKKAKNGVKLQSPDRVLENGEDHGVAGSPASPAIEEERHSRKRPRSR
CSESEGRSPQEEETGMTNGFGKHTESGSDSECSLGLSGGLAFEACSGLTPPKRSRGKPALSRVPFLEG
VNGDSYNGSGRSLLLPFEDRGDLKPLELVWAKCRGYSPALIIDPKMPREGLLHNGVPIPVPLDVLK
LGEQKQAEAGEKFLVLFDDNKRTWQWLPRDKVPLGVEDTVDKLMLEGRKTSIRKSVQVAYDRAMIH
SRVRGPHSFVTSSYL

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

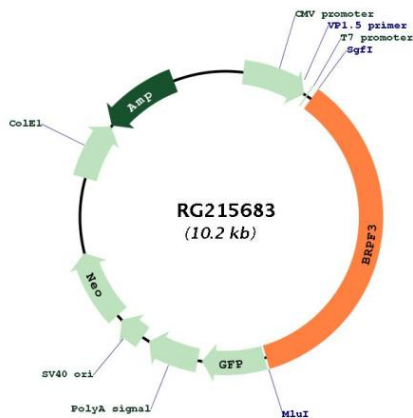
Cloning Scheme:



ACCN:	NM_015695
ORF Size:	3615 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_015695.1 , NP_056510.1

RefSeq Size:	6018 bp
RefSeq ORF:	3618 bp
Locus ID:	27154
UniProt ID:	Q9ULD4
Cytogenetics:	6p21.31
Protein Families:	Druggable Genome
Gene Summary:	Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG215683