

Product datasheet for RC223997

Baf180 (PBRM1) (NM_018313) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Baf180 (PBRM1) (NM_018313) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Baf180
Synonyms:	BAF180; PB1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC223997 representing NM_018313 Red=Cloning site Blue=ORF Green=Tags(s)

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TGCCGTGTGCCATGAACCTATAATACCATCCGAGACTATAAGGATGAACAGGGCAGACTTCTCTGTGAG
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GACGATATCGAGGACGGAGACAGCATGATCTCTTCAGCCACCTCTGATACTGGTAGTGCCAAAAGAAAA
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Protein Sequence: >RC223997 representing NM_018313
 Red=Cloning site Green=Tags(s)

MGSKRRRATSPSSSVSGDFDDGHHSVSTPGPSRKRRRLSNLPTVDPIAVCHELYNTIRDYKDEQGRLLCE
 LFIRAPKRRNQPDYYEVVSQPIDLMKIQQKLMEEYDDVNL LTADFQLLFNNAKSYKPDSPYKAAACKL
 WDLYLRTNEFVQKGEADDEDDDEDGQDNQGTVTEGSSPAYLKEILEQLLEAIVVATNPSSGRLISELFQK
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 DDIEDGSMISSATSDTGSARKRSKKNIRKQRMKILFNVVLEAREPGSGRRLCDLFMVKPSKRDYDPYYK
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 DEIYYFRKPIVPQKPSPLL GKKIQLEAKFALEGGDDDI EEMGEEDSESTPKSAKGSAKKEGSKRKIN
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 PHPAGPPVIQPTTTFMFPVPPKQRLHSEAYLKYIEGLSAESNSISKWDQTLAARRRDVHL SKEQESR
 LPSHWLKS KGAHTTMADALWRLRDLMLRDTLNIRQAYNLENV

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Restriction Sites:

SgfI-MluI

Cloning Scheme:

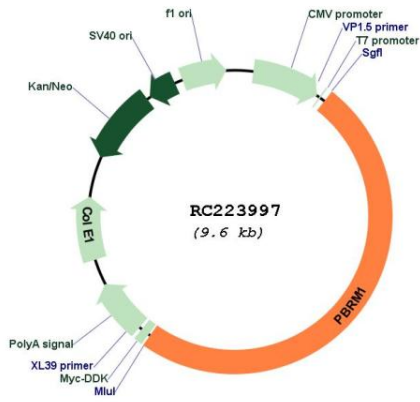


ACCN: NM_018313

ORF Size: 4746 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_018313.2 , NP_060783.2
RefSeq Size:	5070 bp
RefSeq ORF:	4749 bp
Locus ID:	55193
UniProt ID:	Q86U86
Cytogenetics:	3p21.1
Domains:	BAH
Protein Families:	Druggable Genome
MW:	180.9 kDa
Gene Summary:	This locus encodes a subunit of ATP-dependent chromatin-remodeling complexes. The encoded protein has been identified as an integral component of complexes necessary for ligand-dependent transcriptional activation by nuclear hormone receptors. Mutations at this locus have been associated with primary clear cell renal cell carcinoma. [provided by RefSeq, Feb 2012]

Product images:



Circular map for RC223997