

Product datasheet for RC208775

Peregrin (BRPF1) (NM_001003694) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Peregrin (BRPF1) (NM_001003694) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Peregrin
Synonyms:	BR140; IDDDFP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC208775 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGTGGACTTTGATGTGAAGACTTTCTGCCACAACCTGCGGGCGACTAAGCCACCATACGAGTGCC
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Protein Sequence: >RC208775 protein sequence
 Red=Cloning site Green=Tags(s)

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PKRPGRPPKNRESQMTPSHGGSPVGPPLPIMSSLRQRKRGRSPRPSSSSSDSDSKSTEDPPMDLPANGF
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GTENEAYSVGTGRGVGHSVMRKS LGRGAGWLSEDEDSPLDALDLVWAKCRGYSPYALIIDPKMPREGMF
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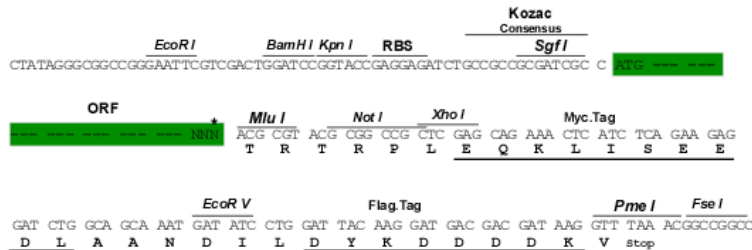
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



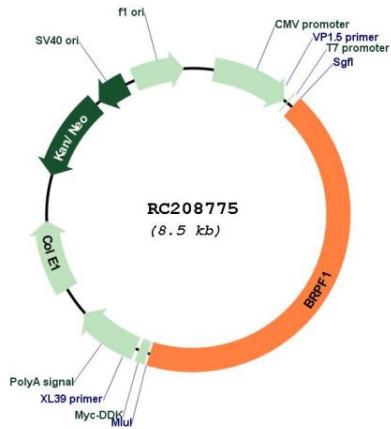
* The last codon before the Stop codon of the ORF

ACCN: NM_001003694

ORF Size: 3660 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_001003694.2
RefSeq Size:	4728 bp
RefSeq ORF:	3663 bp
Locus ID:	7862
UniProt ID:	P55201
Cytogenetics:	3p25.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	138.2 kDa
Gene Summary:	This gene encodes a bromodomain, PHD finger and chromo/Tudor-related Pro-Trp-Trp-Pro (PWWP) domain containing protein. The encoded protein is a component of the MOZ/MORF histone acetyltransferase complexes which function as a transcriptional regulators. This protein binds to the catalytic MYST domains of the MOZ and MORF proteins and may play a role in stimulating acetyltransferase and transcriptional activity of the complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Product images:



Circular map for RC208775