

## Product datasheet for **RC215445**

### **BBS9 (NM\_001033605) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BBS9 (NM_001033605) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BBS9
Synonyms:	B1; C18; D1; PTHB1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Protein Sequence:** >RC215445 representing NM\_001033605  
 Red=Cloning site Green=Tags(s)

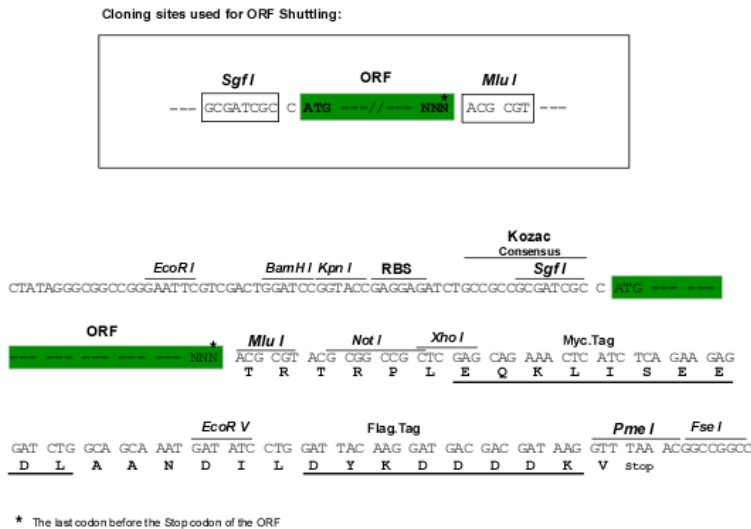
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 EVDLRDPVLQVEVGK FVSGTEMLHLAVLHSRKL CVYSVSGTLGNVEHGNQCMKLMYEHNLQRTACNMTY  
 GSFGGVKGRDLICIQSMDGMLMVFEQESYAFGRFLPGFLLPGPLAYSSRTDSFLTVSSCQQVESYKYQVL  
 AFATDADKRQETEQQKLGSGKRLVVDWTLNIGEQAQALDICI VSFNQ SASSV FVLGERNFFCLKDNQGI RFM  
 KKLDWSPSCFLPYCSVSEGTINTLIGNHNMLHIYQDVTWKWATQLPHIPVAVRVGCLHDLKGVIVT LSD  
 DGHLQCSYLGTDPSLFQAPNVQSRELN YDEL DVEMKELQKIKDVNKSQGVWPMTEREDDLNVSVVVSPN  
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 VIALADAVEENQGNLFQSFTRLKSATHLVILLIALWQKLSADQVAILEAAFLPLQEDTQELGWEETVDA A  
 ISHL LKTC LSKSKEQALNLSQLNIPKDTSQLKKHITLLCDRLSKGGRLCLSTDA AAPQTMVMPGGCTT  
 IPESDLEERSVEQDSTELFTNHRHLTAETPRPEVSPLQGVSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

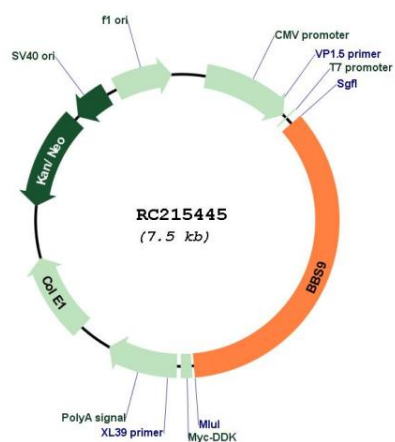
SgfI-MluI

**Cloning Scheme:**



<b>ACCN:</b>	NM_001033605
<b>ORF Size:</b>	2646 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001033605.1</a> , <a href="#">NP_001028777.1</a>
<b>RefSeq Size:</b>	4004 bp
<b>RefSeq ORF:</b>	2649 bp
<b>Locus ID:</b>	27241
<b>UniProt ID:</b>	<a href="#">Q3SYG4</a>
<b>Cytogenetics:</b>	7p14.3
<b>MW:</b>	98.5 kDa
<b>Gene Summary:</b>	This gene is downregulated by parathyroid hormone in osteoblastic cells, and therefore is thought to be involved in parathyroid hormone action in bones. The exact function of this gene has not yet been determined. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jan 2017]

## Product images:



Circular map for RC215445