

Product datasheet for **RR204884**

Polr3g (NM_001109468) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Polr3g (NM_001109468) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Polr3g
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR204884 representing NM_001109468
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGGCAATAAAGGAAGAGGCCGTGCTGCCTATACCTTTAATATCGAAGCTGTTGGATTCAGCAGAG
GGGAGAAGTTACCTGATGTTGTGTTGAAGCCACCCCGCTATTTCTGATACAGATTACAAGCCAGTGCC
CCTGAAAACAGGAGAAGACGAGGATTACATGCTGGCCTGAAACAGGAGTTGAGGGAAACAGTGAAACGA
TTGCCTTACTTTATCGAAACACCTGAAGAAAAACAAGATGATATTGAAAGGTATAGCAAGCGATACATGA
AGTCTATAAAGAAGAATGGGAACAGATTGGAGAAGACTTCCAAGAGAGATGATGCCAAGGAAAAAGTG
CAAAAAAGCGGATCCAAAATCCAAAGCAGCCAAAGCCACAAGCAAGGGTACTACCTCATGAATTCACA
GATGTGTTGAAAAAGATCGAGGAACTGGAAAGGAGAGGCGAGGGTAAAAGTTCGGATGAAGAAAACGACG
AGAAAGAAGGGAGCAAAGAGAAAGAGAAAGATGAGGAGGAGGATGGCGAAGAAGATGCAGAACAGGAGGA
GTATGATGAAGAGGAACAAGAGGAGGAGAATGACTACATTAACTCTACTTCGACAACGGGGATGATTTT
GTGGTAGACAGCGATGACAACATGGACGAAGCCACCTAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204884 representing NM_001109468
Red=Cloning site Green=Tags(s)

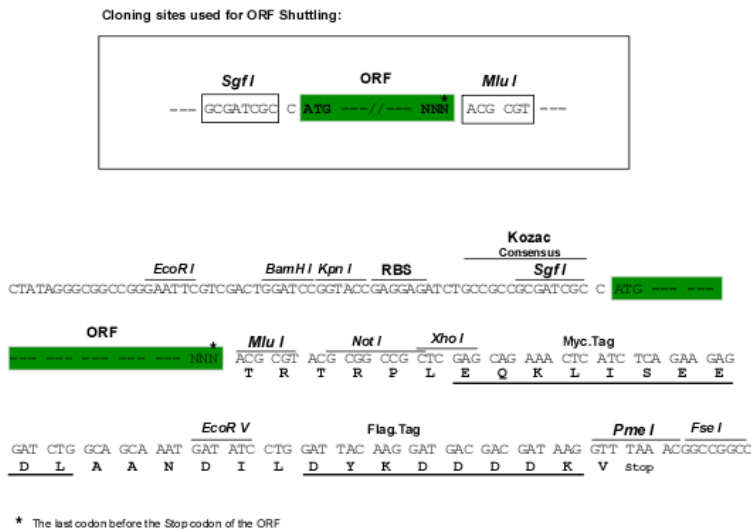
MAGNKGRGRAAYTFNIEAVGFSRGEKLPDVVLKPPPLFPDTPDYKPVPLKTGEDEDYMLALKQELRETVKR
LPYFIETPEEKQDDIERYSKRYMKVYKEEWPDRRLPREMMPRKKCKKADPKSKAAKATSKGTTLMNST
DVLKKIEELERRGEGERSDEENDEKEGSKEKEKDEEEDGEEDAEQEEYDEEEQEEENDYINSYFDNGDDF
VVDSDDNMDEATY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001109468

ORF Size: 669 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.

RefSeq: [NM_001109468.1](#), [NP_001102938.1](#)

RefSeq Size: 3570 bp

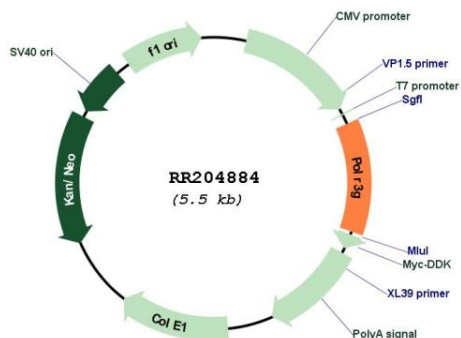
RefSeq ORF: 672 bp

Locus ID: 685465

Cytogenetics: 2q11

MW: 26.2 kDa

Product images:



Circular map for RR204884