

Product datasheet for **RR208680**

Chi3l1 (NM_053560) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chi3l1 (NM_053560) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Chi3l1
Synonyms: CGP-39; Chil1; GP-39
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208680 representing NM_053560
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACCCTTCAGCTGCCAGGCTTTGCGGTCTGATGCTGCTCCAGAGCTGCTCTGCGTACAACTGGTCT
GCTACTACCAACTGGTCCCAGTACCGGAAGGCAATGGGAGCTGCTTCCAGATGCCCTCGACCATT
CCTGTGCACCCATATCATCTACAGCTTTGCCAACATCAGCAACAACAAGCTCAGCACATCGGAGTGAAT
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CGTCCAGTCGGTAGCTCCCTTCCCTGCGGACCTATGGCTTTGATGGACTGGATCTCGCCTGGCTCTACCCG
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ATGTGGACTATGGTGTGGGTACATGCTAAGGCTGGGAGCCCCACCAACAAGCTAGTGTGGGTATCCC
CACCTTTGGAAAGAGCTTCACTCTGGCATCTTCTGAGAATCAAGTGGGAGCTCCAATCACAGGGTCAGGA
TTACCAGGCCGCTACACCAAGGAGAAAGGACCCTCGCCTACTACGAGATATGCGACTTCTCAGAGGAG
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TCAAGGAGGCCCTGGCTGTGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RR208680 representing NM_053560
Red=Cloning site Green=Tags(s)

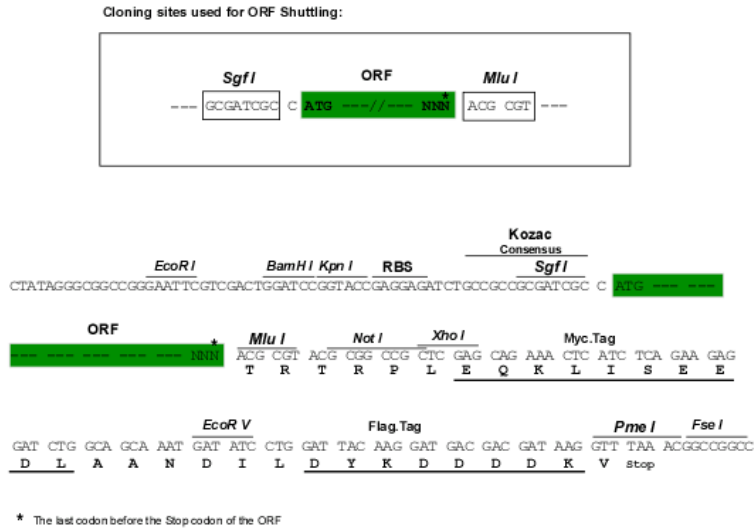
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 GPKDKQHFHTLIKELKAEFTKEVQPGTEKLLLSAAVSAGKVTLDSDYDVAQIAQHLDFINLMTYDFHGTW
 RHTTGHHSPLFRGQDDTGPDRFSNVVDYGVGYMLRLGAPTNNKLVMGIPTFGKSFTLASSENQVQAPITGSG
 LPGRYTKKGTLAYYEICDFLRGAEVHRILGQQVVFATKGNQWVGYDDPESVKNKVKYLKNKQLAGAMVW
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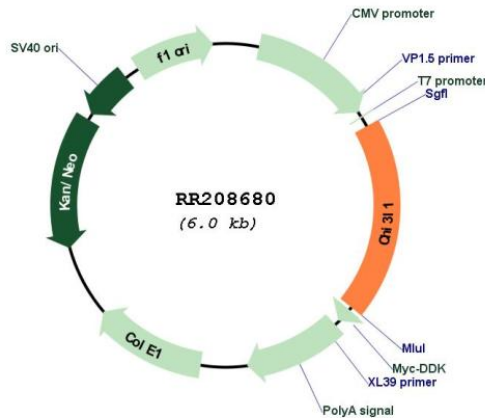
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_053560

ORF Size:	1143 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_053560.2 , NP_446012.2
RefSeq Size:	1691 bp
RefSeq ORF:	1146 bp
Locus ID:	89824
UniProt ID:	Q9WTV1
Cytogenetics:	13q13
MW:	42.4 kDa
Gene Summary:	human homolog plays a role in vascular smooth muscle cell migration and adhesion [RGD, Feb 2006]