

## Product datasheet for **RR208044**

### Ifngr2 (NM\_001108313) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ifngr2 (NM_001108313) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ifngr2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR208044 representing NM_001108313 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGCGGCCTCGCCACTGTGGCTGCCGTTGCTGTTGCTCTGTGGGCTCGGCGCCGGTGTCTTCTCCAG  
ACTCCTTGTCAGCTTGCTGCCCTAGGAAGCTGAAGCTCACCTGTACAATGACGAGCAGATGCTAAG  
CTGGGAGCCTTCGCCCTCCAGCAACGACACGAGACCAGTGGTCTACCAGGTGGAGTACAGCTACGTCGAT  
GGCTCTTGGCATAGGCTGCGGGAGCCGAACTGTACGGACATCGCAGAGACGAAATGTGACTTCACAGGAG  
GCGGCCGCTTGAAGGTTTTCCATACTCATAACAGTCTTCTCGCGTGCAGGCCAGGCTCGGAAAGCA  
CACTTCCCACTGGGTGAAGCTGGATCCATTTCAACACTATGAGAAATGTTACTGTTGGACCTCAAAAAAC  
ATCTCGGTGACCCAGGAAAGGCTCCCTCGTCATACACTTCTCCCTCCCTTTGACGTGGTCCAGGAGG  
CATCTTTTCAGTATTTGTCCACTACTGGGAAAAGACAGAAACCCAAAAGGTTAAAGGCCCTTACAAGAG  
CAACTCCATTGTGCTGGATGATTTGAAGCCATTCAGAGTATATTGTTTACAAACCAAGGCCCACTGATT  
TTGAAAAACAGAAATATCGGACCGCACGGGCTCCTGAGCAATGTATCTTGTACGAAACAACAGCGGATG  
CCTCCACCAGCCTGCAGCAAGTCATCCTGATCCTTTTTGGCATCTCATGTTGCTGCTGGCACTGACGGG  
AGCCTGCTTCATCTGTTCTCAGATACAAAGCCGGGTGAAATACTGGTTTCAAGCTCCACCAGACATC  
CCAGAACAATAAAGAGTATTTAAAGGCCAGATCAGCTCATCCTGGAGGCCCTTGACAAAGGACGGTT  
CGCCGAAGGATGAGGCCTGGGACTCCGTATCAATCATTTTCGTCTCCAGAAAAGGAGCAGGATGATGTGCT  
CCAATACCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR208044 representing NM\_001108313  
 Red=Cloning site Green=Tags(s)

MRPPPLWLPLLLL CGLGAAVSSPDSLQLAAPRKLKHL YNDEQMLSWEPSPSSNDTRPVVYQVEYSYVD  
 GSWHRLREPNC D IAETKCDFTGGGRLKVFPYSYTVFLRVRARLGKHTSHWVKLDPFQHYENVTVGPPKN  
 ISVTPGKGS LVIHFSPPFDDVVQEA SFQYFVHYWEKTETQKVKGPYKSNSIVLDDLKPFRRVYCLQTKAQLI  
 LKNRNIGPHGLLSNVSCHE T TADASTSLQQVILILFGIFMLLLALTGACFILFLRYQSRVKYWFQAPPDI  
 PEQIKEYLKDPDQLILEALDKDGSPKDEAWDSVSI ISSPEKEQDDVLQIP

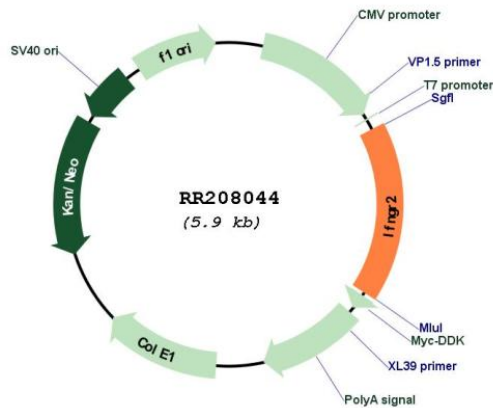
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001108313

<b>ORF Size:</b>	990 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_001108313.1</a> , <a href="#">NP_001101783.1</a>
<b>RefSeq Size:</b>	2610 bp
<b>RefSeq ORF:</b>	993 bp
<b>Locus ID:</b>	360697
<b>Cytogenetics:</b>	11q11
<b>MW:</b>	37.5 kDa