

## Product datasheet for **RN212938**

### Yipf2 (NM\_001014208) Rat Untagged Clone

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | Yipf2 (NM_001014208) Rat Untagged Clone                                            |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | Yipf2                                                                              |
| Synonyms:                 | RGD1307512                                                                         |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >RN212938 representing NM_001014208<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**

ATGGCAGCAGCCGACGATCTGGCCTTCCACGAGTTCGAGGAAGCTGCAAATCTTCTGGCAGAAACCCAG  
ATGCAGCAACCACGAGCCAAAGTGATAAGCTGACCTCACAAGAGCATGTGGCTGTGGTTGTGGGTTTCAGG  
CATTGGCTATGGAGCCGAAGGAGAGGAAGAGGATGACAAAACATCACTTCTACAGGATGAAAAGCCACAG  
CCAAGATTCTGGACGTTTGACTACTATCAGAGCTTTTTTGATGTAGACACCTCCAGGTCTTGGACAGGA  
TCAAAGGTTCCCTGCTGCCCCATCCTGGCCACAACCTTTGTGCGTCACCATCTAGAAATCGTCCTGACTT  
ATATGGCCCTTCTGGATTTGTGCCACCTTGGCTTCGTCTGGCGGTTACTGGCAATCTCACTTTGGTG  
CTTGACAGAGACGGGACCCCTCCATTCATATAGCCCCAGTTCACAAAGGTGACTATAGCAGGCATAA  
CCATCTACTGCTATGCGTGGCTAGTGCCGCTGGCACTGTGGGGCTTTCTCCGGTGGCGCCAGGGCAGAG  
GGAACGCATGGGGCTGTACACCTTCTGGAGACTGTGTGTGTCTACGGCTACTACTCTTTGTCTTCATC  
CCAAGTGTGGTCTGTGGCTTATCCAGTGCACTGGCTCCAGTGGCTCTTTGGAGCCCTGGCCCTAGCCC  
TGTCAGCTGCTGGGCTGGTGTTCACACTGTGGCTGTTGTCCGAGAGGATACACGGCTGGTGGCCGCGGC  
ACTACTGTCTATTGTGGTGTCTTACGCCCTCTGGCTCTAGGCTGTAAGCTCTACTTCTCCAGCCT  
CTGCCTCTGGACCATGTGGTACCAGCACCCCAAGCCATACCTCCATCTCCCAACGTCCTGCTGCCAGTT  
CAGTCCAGCCTATGACGACCTTCTAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                    |              |
|--------------------|--------------|
| Restriction Sites: | SgfI-MluI    |
| ACCN:              | NM_001014208 |



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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Insert Size:</b>           | 936 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>OTI Disclaimer:</b>        | Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).                                                                                                                                                                    |
| <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_001014208.1</a> , <a href="#">NP_001014230.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 1977 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>            | 936 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Locus ID:</b>              | 363027                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID:</b>            | <a href="#">Q5XIT3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cytogenetics:</b>          | 8q13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |