

## Product datasheet for **RN211705**

### Scarf2 (NM\_001105864) Rat Untagged Clone

#### Product data:

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                      |
| Product Name:      | Scarf2 (NM_001105864) Rat Untagged Clone |
| Tag:               | Tag Free                                 |
| Symbol:            | Scarf2                                   |
| Vector:            | pCMV6-Entry (PS100001)                   |
| E. coli Selection: | Kanamycin (25 ug/mL)                     |
| Cell Selection:    | Neomycin                                 |



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**Fully Sequenced ORF:** >RN211705 representing NM\_001105864  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGGGCGCAGGGTCCCGGGGGCGGGCCGGCGCGGCCAGGGAGCCGAGGGCCCGCTGCTGC  
 TGCTGCTCTGGCTGCTGCCCGTCTCGCGCGGCCAGGACTTGAACCCGCGAGGCCGAACGTGTGCCG  
 CACGCCCGTTCTCAGGTGCTCAGTGTGCGCTGGCTGGAGGCAGCTGGGGGATGAGTGTGGGATCGCG  
 GTGTGTGAAGCAATCCACGTGCTCAGAAAATGAGGTGTGCGTGCGGCCAGGCGAGTGCCGCTGCCGAC  
 ATGGCTACTTCGGTGCCAACTGCGACACTAAGTCCCCGCGCCAGTTCTGGGGCCCGACTGCAAGGAGAG  
 GTGCAGTTGCCATCCGCACGGACAGTGCAGGACGTGACCGGACAGTGTACGTGTACGCGCGCCGCTGG  
 GGTGCGCGCTGCGAGCATGCTTGCCAGTGCAGCATGGCAGTGCACCCCGGGAGCGCGCGTGGCCGT  
 GCGAGCCGGGCTGGTGGGTGCACAATGCGCTAGCGCCTGCTACTGCAGCGCTACTTCGCGCTGCGATCC  
 ACAGACAGGCGCCTGCCTGTGCCACGCAGGCTGGTGGGGCCGAGCTGCAACAACAGTGTCTCTGCAAC  
 TCGTCGCCCTGCGAGCAGCAGAGCGGCCCTGCCAGTGTGCGGAGCGCAGTTTCGGCGCGCGCTGTGATC  
 GCTATTGCCAGTCTCCGCGGTGCTGCCACCCGGTGGACGGCAGTGCGCCTGCGACCCGGGCTACCG  
 GGGCAAGTATTGTCGTGAGCCATGCCCGCTGGCTTCTACGGCCTCGGGTGTGCGCGTGGTGTGGCCAA  
 TGCAAAGGCCAGCAGCCGTGCACAGTAGTGAAGGCCGCTGTCTGACGTGCAACCCGGCTGGAACGGAA  
 CCAATGTGACCAACCTGCGCCACTGGTTTTATGGCGAGGGTGTGGCCACCGCTGTCCACCTGCCG  
 CGATGGGCATGCCTGCAACCATGTACCCGGCAAGTGTACGCACTGCAATGCGGGTGGATCGCGGACCGG  
 TGCGAGACTAAGTGCAGTAATGGCACTACGGTGAAGTGTGCCTTCGTGTGTTCTGACTGCGCGCAGCG  
 GCCACTGTGACTCCAGTCCGGCGCTGCCTTTGCAAGCCCTGGTGTTCACGGACCTACTGTAATGTAAC  
 TTGCCCGGCCGGCTCCATGGTGTGACTGCGCCAGGCCCTGCAGCTGTACAGAGGAATCATGCGACCCG  
 GTCACCCGGGCGCTGCCACCTGGAGACCAATCAGCGCAAAGGTGTGATGGGCGCGCGCGCTGCTACGC  
 TGCTCCTCGCGCTGCTGCTCCTGCTGCTCGGTTGTGCTGTGCTGCCGGGGCAAGGACTCGGCGCGCCG  
 GGAGCTCACCTCGAAGGAAGAAGGCACCTCAACGCTTTTGTGGAAGCTTACGCCGATCAGCATGAAG  
 CTACCCGAATCCCGCTTCGAGGCAGAAGCTGCCCAAAGTCGTAGTGGCCATCATGACTTAGACAACA  
 CGCTCACTGCAGTTTCTGGAACACCTTCAGGGCTGGAGCAGCCCTCCATCATGGTCTCCAGGGC  
 CTCCTTCTCATATTTGACACCACAGATGAAGGCCCTGTGACTGTGTCACCCACGAGGAGGCGACTGCT  
 GAGAACCAGACCCAGAAGCTTCTGCCTCTCTACTGAGGTGCCCGCTGTGTCCCTAGCGCCATGGGCA  
 CTTCCGGTCCCGGGGATGAGGCAGCAGCCCTCCCTGCATCCTCAGACAGCGAGCGCTCAGCATCAAGCGT  
 GGAGGGGCGCGGGCGGGCGCTGTACGCGCGTGTGGCCCGCGCAGGCCCCGGCCGGCCCGGACCCGATG  
 GAGGCTGGGGGCTTGTCACTGTCCCATCGCCGAGCGCAGGAAGCCACCGCCACCCGACCTGCCACCA  
 AGCCTAAGGTGTCTGGATCCACGGCAAGCAAGGCGCCGTGGCCGCTGCACCTTCGCCCGCCCGCAGG  
 CCGCAAGGCTGCGCCGAGCCCTAGCGGGAGGAAACGGACCCCAAGCAACATGTCGGTGCAGCCCCGGGC  
 CTGACCGAAGAAGCCACCGGCCCGGCTCACCCACGCCACCCCGCGCCGAGCGCGCGCCGGCCCGG  
 GTCTCTTGAGCCACGACGCGGGAGGTCCCCGCGCAGTGCGCCGAGGCCGCTCTATGCTGGCAGC  
 CGAGCTGCGCGACAAGACTCGCAGCCTGGGTGCGCGCGAGAAGCCGCGCCGCTCAGAAGGCCAAGCGC  
 TCCGTGCTCCCGCGTGCACCGCCCGCGGGCTTCGGCGTCCGAAGCCTCGGCGTCTGAGAAGGTGGCAG  
 CCAGCGCACCTGAGCCCGAGACCTCGGAAGAAGACCCCATCCAGAAACCGCCTCGAAAGAAGAGCAG  
 GGAGGCTGCGGGGAGCCGAGCAGGGCGGGCGCGGCCCGGAGCTTCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001105864  
**Insert Size:** 2502 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>                | <u><a href="#">NM_001105864.1</a></u> , <u><a href="#">NP_001099334.1</a></u>   |
| <b>RefSeq Size:</b>           | 3312 bp   |
| <b>RefSeq ORF:</b>            | 2502 bp   |
| <b>Locus ID:</b>              | 287949  |
| <b>Cytogenetics:</b>          | 11q23   |