

## Product datasheet for **RN201332**

### **Rnf34 (NM\_001004075) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rnf34 (NM\_001004075) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rnf34  
**Synonyms:** Momo  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN201332 representing NM\_001004075  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAAGGCGGGTGTACCTCTATGTGGGCTTCATGCTGTGGACTGCTGAATGAAGTCATGGAACTGGAG  
CTGTCAGAGGCCAGCAGGCAGGATCCCAGGAAGCACTGGTCCATTAGGTTTACACCGAGTTCTGACTT  
TCCTACCTACCCACCAGCAGCTACAGAAGGACCAATATAGTTTGCAAAGCCTGTGGACTTTCATTTTCA  
GTCTTTAGAAAGAAGCAGTCTGCTGTGACTGCAAGAAGGACTTTTGCTCCCTTTGTTCCGGTCTCACAAG  
AAAACCTCCGCAGATGCTCTACATGTCACCTACTCCAAGAGACAGCCTTCCAGCGCCCTCAGTTGATGAG  
ACTAAAAGTGAAGGACCTGCGGCAGTATCTGCTCCTCAGAAACGTACCGACCGACTTGTGCGGAGAAG  
GAGGACTTAGTGGATCTAGTGTGTGCCATCGTGGACTGGGCTCGGGGATGGCCTGGACTCAAGGAGTC  
TCAGTTCTCAAGATCCCAGACTTCTAGTTTTTTTACACAATCCTATTTTTCAAATTATACACCCCTC  
TGCTACTGTGCTCCTTCCAGGGAGAGCTGATGGACAGAGAGGGCACCTTCAGGTCAGAAGTTCTCACA  
CAGGTACAAAGTGAATTAGCTTCAGCAAACACGGATGATGAGGATGGGGAGGAAGATGACGACGATGATG  
ACGATGACGACGACGAGGATGACGATGAACAAGAAGAAAACCTTAGAGGAACAGAACCCTGGGCTCTCTAA  
GAAGAAGCGAGAGCTTCCCTGTCCGACCTGTCAAGCCTTGAAGAGGTGGAAGGGATGAGCGTGCAGCAG  
CTGAAGGAAATCCTGGCTCGGAATTTTGTCAACTATTCTGGCTGTGTGAAAAGTGGGAGCTGGTGGAGA  
AAGTCAACCGGCTGTACAAGGAGAATGAGGAAAACCAAAAGTCATATGGTGAAGCGGATGCAACTTCAGGA  
TGAGGAAGACGACAGCCTGTGCCAATCTGCATGGATGCGGTCATTGACTGTGCTCCTGCTGGAGTGTGGG  
CACATGGTCACCTGCACCAAGTGCAGCAAGCGCATGAGTGAGTGTCCATCTGCAGGCAGTATGTGGTTC  
GAGCTGTGCATGTTTTCAAGTCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



<b>ACCN:</b>	NM_001004075
<b>Insert Size:</b>	1146 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>NM_001004075.1, NP_001004075.1</u>
<b>RefSeq Size:</b>	1985 bp
<b>RefSeq ORF:</b>	1146 bp
<b>Locus ID:</b>	282845
<b>UniProt ID:</b>	<u>Q6AYH3</u>
<b>Cytogenetics:</b>	12q16
<b>Gene Summary:</b>	has ubiquitin ligase activity [RGD, Feb 2006]