

## Product datasheet for **RN216959**

### Med26 (NM\_001107300) Rat Untagged Clone

#### Product data:

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | Med26 (NM_001107300) Rat Untagged Clone |
| Tag:                      | Tag Free                                |
| Symbol:                   | Med26                                   |
| Synonyms:                 | Slc35e1                                 |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | pCMV6-Entry (PS100001)                  |
| E. coli Selection:        | Kanamycin (25 ug/mL)                    |



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**Fully Sequenced ORF:** >RN216959 representing NM\_001107300  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACAGCGGCTCCGGCTCTCCGACGAGATGAGGGACCGGCTGCTACAGGCCATCGACTCCCAGAGCA  
 ACATCCGGAACATGGTGGCAGTATTGGAAGTGATCTCCAGTCTGGAGAGATATCCTATCACCAGAGGC  
 ACTGGAGGAGACGACTAGGGAACATCATCAACGACGTCCTGAAGAAAACCAAGATGAGGAGCTGGCC  
 AAGCGGGCCAAGAGGCTGCTGCGGAGCTGGCAGAAGCTCATCGAGCCCGTACACCAGAATGAAGTGGCAC  
 TACGGGCACTGGCGGGGCTGCAGGCTCTGCCAATGGGGTGCACAACTGCCGGCCAGAGCTGGGAGT  
 GGCTGGTGACCCAAAGAGCATCCATGACCTGAAGAATCGCAACGACATCCAAAGGCTCCCTGGGCAGCGG  
 CTAGATAGGCTGGGCAGCCGTAAGCGCAGGGGGGACCAGCGTGACCTGGGTACCCAGGGCCACCCACA  
 AAGTTTCAAAGGCAGTCTGACCCCTGGTCCCAATGCATCCCCTCTCCCAACCAATGGGATCAGCGG  
 GAGCCCAGAGAGCTTACCCAGCCCCCTGGATGGGAGTGGGCATTGGGCCCTGATGGCAGCCGTCTGGAG  
 CTCAGCGAGAACGAGAAGCACAGCACCAAGATCCCGTGAACGCCGTGCGGCCACGTCCAGCTCCCTG  
 GTTTGGGCAAGCCCCAGTTCCCTGCCTGCAGACCAAGGCTGCACAGTTGCAGCCATTGGACAGGGCGGA  
 TGAGCCCCCAGGCCCTCCCTATCCCAGGGGGTCCCTCGCTGCTCCATCAGCCCCCGAAGTACAGGCAC  
 GAAGGCTCCTTTGCCCGCATCGAGCTCGTATATACCAAGGGCCAGTGTCCAGCCCTTCCCCCGGC  
 CCCAGCCATTGGACACCACAGGTACCATCCCCACTCCCGTGGCCAGCCGCCACGCCCTGTGCG  
 GAGGCTGGACCTGCTGCCTAATGCTGAGAGCCCTGTGCACTGGCCAGAGCAGCCGAGGGCCACCCACGG  
 CTAACGGGGCCAGCCTGCAGGGCTGGATTGTCCCAGATTCTCCAAGGCGGACAGTGATGCTGCCTCTT  
 CGGGTGGCTCGGACAGCAAAAAGAAAAAAGGTACCGACCTCGAGACTACACAGTGAAGTGGATGGGCA  
 GGTGGCTGAGGCAGGCGTCAAGCCCGTGAGGTTAAAAGAGCGGAAGCTCACCTTTGACCCCATGACAAGA  
 CAGATCAGGCCTCTGACCCAGAAAGAGCCAGTTGCGGCTGACAGCCCGTACCCACAGAAGAGCTGCCTA  
 GGACAGAGCTGGAGCAGCAGGAGGCAAGGCCAGCCTCCAGAGCCCTTTGAGCAGACGAAGTGAAGGA  
 GCTGTGCGCAATGAGATCATACAGTCTACCTGAGCCGCCAGAGCAGCCTGCTTTCATCTCAGGCGCA  
 CAGACCCCTGGTGACACCACTTTATGGCTGAGTACCTGAAGCAGGAGGAGAGCAGTGGCAAGGGGCC  
 GGCAGCCCCATGTGCTGCTGCCACTGCCACGCCAACTGACCTACCAGGGCTCACGCGCAGGTCACACA  
 GGATGATCTGGACAGAATCCAGGCCAGCAGTGGCCGGGGTTAACGGGTGTGAAGACACAGGGTAAT  
 TGGTATGACTGGACACAATGTATATCGCTCGACCCCTCATGGTGACGATGGGCGCTTGAACATTCTGCCTT  
 ATGTCTGCTTGGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001107300

**Insert Size:** 1767 bp

**OTI Disclaimer:** 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

**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:**

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\_001107300.2, NP\_001100770.2

**RefSeq Size:** 3617 bp

**RefSeq ORF:** 1767 bp

**Locus ID:** 306328

**Cytogenetics:** 16p14