

## Product datasheet for **RN207137**

### **Grhl3 (NM\_001106690) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Grhl3 (NM_001106690) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Grhl3
Synonyms:	Tfcp2l4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN207137 representing NM\_001106690  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCGAATGAACCTGATTTTCAGGTCTGTGCGGCTGCTGAAAAATGACCCCGTGAGCTTCCAGAAGTTTC  
 CCTACAATAATGAGGATGAGGCCTGGAAGACATACCTGGAGAACCCTTTGACAGCCGCCACCAAGGCCAT  
 AATGAGAGTCAATGGGGACGATGAGAGTGTGCTGCTGCTGAGCTTTCTCTATGACTACTATATGGGTCCC  
 AAGGAGAAGCGGATACTGTCTCCAGCACTGGTGGCCGGAATGACCAAGGAAAGAAGTACTACCACAGCA  
 TGGACTATGAGCCGGATCTTGCCCGCTTGAGAGCCCCACGCACCTCATGAAATTTCTGACAGAGAACGT  
 GTCTGGAAGCCCAGACTACACAGACCAGCTCAAGAAGAACAACCTGTAGGCTTGGAGGGGGCTCTACCC  
 ACCCCCGCAAGACCAGTACCCTGCCCCAGTCCAAGTAAGCTGGAAGCCGGCTCCATGGACAGCTACC  
 TCTTGCCACCAGTGACATGTATGACAACAGCTCCCTCAACTCACTATTTGAGAGCATTATGGCGTTCC  
 ACCCACACAGACTTTGAGTACACCCTGGGCTCCCCAAAGCCATTACATCAAAGCGGGGGAGTACCC  
 ATGGCCTACCTCAACAAGGGTCAGTTCTACCCGGTACCCTACGCACCCAGCGGGAGGAAAAGGCCTCT  
 CTCTGTCTCCAGCAAAGTCAAGAGCGTGGTGATGATTGTGTTCCGATAATGACAAGGTTCCAGTGGAGCA  
 GCTGCGCTTCTGGAGGCACTGGCATTCCCGGCAGCCTACCGCAAAGCAGCGTGTGATCGAGTAGCCGAC  
 TGTAAGGAAAACCTCAACACAGTCCAGCACATCGAGGAGGTGGCCTATAACGCAGTGTCTTTGTGTGGA  
 ATGTTAACGAGGAGGCTAAGGTGTTTCATCGGTGTCAACTGTCTGAGCACAGACTTCTCTCGCAGAAGGG  
 GGTGAAGGGTGTCCCTCAACTTGCAATTGACACTTATGACTGTGGAGCAGGCACTGAGCGCTGGGT  
 GCCGAGAGGAAGATGCGCGATGATGAACGGAAGCAGTTTCGAAGGAAGGTCAAGTGCCAGACTCCAGTA  
 ACAATGGCATCAAGGGCTGCCTGCTGCTCCGGCTCAGGGGCAATGAGACCACATACTTGGCCAGAAAGC  
 GGACCTGGAGACCCAGCCTGTGTTGTTTCATCCCAACCTGCATTCTCCAGCCTACAACGCCAGGAGGG  
 GTTGTCCCTCAGCAGGACACAGCAGCTCTGACAGGTTGCCTCTGAAGCGAACCTGCTCGCCCTTGTCTG  
 AGGAGTTTGAGCCTCTCCCTCCAAACAGGCAAGGAAGATGACCTTCCAGAGAGTTCTGCTGTATGTGAG  
 GAGGGAGACAGAGGAGGTGTTTGACGCACTCATGTTGAAGACCCCGGACTTGAAGGGGCTGAGGAATGCG  
 ATCTCTGAGAAGTATGGCTTCCCTGAGGAGAATATCTGCAAAGTCTACAAGAAATGCAAGCGAGGAATCC  
 TGGTCAACATGGACAACAACATCATCCAGCATTACAGCAACCACGTGGCCTTCTGCTGGACATGGGTGA  
 GCTGGATGGCAAGATTAGATTATCCTGAAGGAGCTA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001106690

**Insert Size:** 1650 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).

**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\\_001106690.1](#), [NP\\_001100160.1](#)

**RefSeq Size:** 2480 bp

**RefSeq ORF:** 1650 bp

**Locus ID:** 298555

**Cytogenetics:** 5q36