

## Product datasheet for **RN208824**

### Grhl2 (NM\_001134527) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Grhl2 (NM_001134527) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Grhl2
Synonyms:	RGD1561191
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208824 representing NM\_001134527  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCACAAGAGTCGGACAATAATAAAAGACTAGTGGCCTTGGTGCCTATGCCAGTGACCTCCCTTCA  
 ACACCCGAAGAGCTACACAAGTGAGGATGAGGCTTGAAGTCGTATCTGGAGAACCCCTGACGGCAGC  
 CACCAAGGCAATGATGAGCATCAATGGGGATGAGGACAGTGTCTGTCCTGGCCCTTCTATGACTAC  
 TACAAGTTCTCGAGACAAGAGACTTCTGTCTGTGAGCAAAGCAAGCGACAGCCAAGAAGACGAGGAAA  
 AAAGAACTGTCTTGGCACCAGCGAAGCCAGATCAACTTGAAGCGAGGGCAGAACCGAGTGCAGTTCT  
 GAAGACCGTCCCTGTGAACCTCTGCCTGAGTCAAGACCACATGGAGAATTCGAAGCGTGAGCAGTACAGC  
 GTGTCCATCACTGAGAGCCCCCGCTATCCCCGTGTCGGGCATCACGGTGGTAAAGCTGAGGATTTCA  
 CGCCCGTGTTCATGGCGCCCCCGTGCATATCCCCGCGCGGACGGTGGCGAGGAGCAGCGCGTGGTTAT  
 CTTTGAACAGACTCAGTATGACCTGCCCTCCATAGCCAGCCACAGCTCCTATCTAAAGGACGACCAGCGC  
 AGCAGCCCGACAGCACCTACAGCGAGAGCTTCAAGGACGGCGCCCGGAGAAATTCGGAGTACTTCTG  
 TTGGTGTGATGAGTATACATATGACCAGACGGGGAGTGGTACATTTTCAGTACACCCTGGAAGCCACCAA  
 ATCTCTCCGGCAGAAGCAGGGGGAGGGCCCATGACCTACCTCAACAAAGGACAATTCTATGCCATAACA  
 CTCAGTGAGACTGGAGACAACAAATGCTTCCGACACCCCATCAGCAAAGTCAGGAGTGTAGTGATGGTGG  
 TCTTTAGTGAAGCAAAAACCGAGACGAACAGCTGAAGTACTGGAAGTACTGGCACTCCCGGCAGCACAC  
 TGCTAAGCAGAGGGTCTTGACATTGCTGATTACAAGGAAAGCTTCAACACCATCGGGAACATTGAAGAG  
 ATCGCATACAATGCCGTTTCTTCCCTCCAGAAGGGTGTGAAAGGACTTCTCTGATGATTCAGATCGACAGTA  
 CAGCTATAACAACCGCAGCAATAAACCCATCCACAGAGCGTACTGCCAGATCAAGGTCTTCTGCGACAAG  
 GGAGCAGAAAGAAAAATCCGGGATGAAGAGAGGAAAGCAGAAAGGAAAGGGAAGGGCCAGGCCCTCCC  
 AAACCCAGTGCAGCAATTCCTCTGATGGGAAGTGGCCGCATACCGTTACAGAAGAAGAGTGACATCAC  
 GTACTTCAAACCATGCCCGACCTGCACTCACAGCCTGTGCTTTCATACCAGATGTTCACTTTGCCAAC  
 CTGCAGAGGACTGGACAGGTCTATTACAACACCGATGATGAGCGAGAAGGCAGCAGTGTCTCGTTAAAC  
 GGTGTTCAAGCCATGGAAGAGGAATTTGGTCCAACACCGTCTAAGCAGATTAAGAAGAAAACGTAA  
 GCGAGTGTCTTTATACGTGAGGAAGGAGAACGATGACGTGTTGATGCTCTGATGCTGAAATCGCCACA  
 GTGAAGGGCTGATGGAAGCGCTGTCTGAGAAGTACGGGTGCCGGTGGAGAAGATCACAAGCTTTATA  
 AGAAGAGCAAAAAGGGAATCCTGGTCAACATGGACGACAACATCATTGAGCACTATTCAAATGAGGACAC  
 CTTCAATCTCAACATGGAGAGCATGGTGGAAAGGCTTCAAGATCACATTGATGGAGAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001134527
- Insert Size:** 1881 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\\_001134527.1](#), [NP\\_001127999.1](#)

**RefSeq Size:** 4871 bp

**RefSeq ORF:** 1881 bp

**Locus ID:** 299979

**Cytogenetics:** 7q22