

Product datasheet for **MC216026**

Hrh3 (NM_133849) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hrh3 (NM_133849) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hrh3
Synonyms:	AW049250; H3R; HH3R
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216026 representing NM_133849
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGCGCGCGCCGCCGACGGGCTGATGAACCGCTCGGGCGCTCTGGCCGGAGAGCGCGGCTGCAG
 GCGGGGCGCGCGCTTCTCGGCTGCCTGGACCGCTGCTCGGCTGCGCTCATGGCGCTGCATCGTGCC
 CACAGTCTGGGCAACGCGCTGGTCATGCTCGCCTTCGTGGCGGATTCGAGCCTCCGACCCAGAACAAC
 TTCTTTCTGCTCAACCTCGCATCTCCGACTTCTCGTGGGTGCCTTCTGCATCCATTGTATGTACCCT
 ATGTGCTGACCGCCGTTGGACCTTTGGCCGGGCTCTGCAAGCTGTGGCTGGTGGTAGACTACCTACT
 GTGTGCCTCCTCAGTCTTCAACATCGTCTGATCAGCTATGACCGATTCTGTCACTCGAGCTGTC
 TCCTACCGGGCCAGCAGGGGACACAAGACGGGCTGTCGGAAGATGGCACTGGTGTGGGTGCTGGCCT
 TCCTGCTGATGGCCCTGCCATCCTGAGTTGGGAGTACCTGTCCGGTGGCAGCTCCATCCCCGAGGGCCA
 CTGCTATGCTGAGTTCTTACAACCTGGTACTTTCTCATCACGGCTCCACCCTCGAGTTCTTACACCC
 TTCTCAGCGTTACCTTCTTCAACCTCAGCATCTACCTGAACATCCAGAGGGCGCACTCGTCTTCGGCTGG
 ATGGGGCCGAGAGGCTGGTCCAGAACCCACCTGATGCCAACCCCTCGCCACCTCCAGCTCCCCCAG
 CTGCTGGGGCTGCTGGCCAAAGGGGACGGGGAGGCCATGCCATTGCACAGGTATGGGGTGGGTGAGGCA
 GGCCCTGGTGTGAGACTGGGGAGGCTGGCCTCGGGGTGGCAGCGGTGGAGGCGCTGCTGCCTCGCCTA
 CCTCCAGCTCCGGCAGCTCCTCAAGGGGCACTGAGAGGCCACGCTCACTCAAAGGGGCTCAAGCCATC
 AGCGTCTTCAAGCTCCTTGGAGAAGCGCATGAAGATGGTATCCCAAAGCATCACCCAGCGCTTTCGGTGT
 TCGCGGACAAGAAGGTAGCCAAGTCTGGCTATCATCGTGAAGTCTTTGGGCTCTGCTGGGCCCCGT
 ACACATCCTCATGATCATCCGGGCTGTTGCCATGGCCACTGCGTCCCCGACTACTGGTACGAGAGCTC
 CTTCTGGCTTCTGTGGCCAACTCGGGCTCAACCCCGTCTCTACCCACTGTGCCACTACAGCTTCCGT
 AGAGCCTTACCAAGCTCCTCTGCCCCAGAAGCTCAAGTCCAGCCCCATGGCTCCCTGGAGCAGTGCT
 GGAAGTGA

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_133849
- Insert Size:** 1338 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_133849.3](#), [NP_598610.1](#)

RefSeq Size: 2641 bp

RefSeq ORF: 1338 bp

Locus ID: 99296

UniProt ID: [P58406](#)

Cytogenetics: 2 102.62 cM

Gene Summary: The H3 subclass of histamine receptors could mediate the histamine signals in CNS and peripheral nervous system. Signals through the inhibition of adenylate cyclase and displays high constitutive activity (spontaneous activity in the absence of agonist) (By similarity). [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the protein.