

Product datasheet for **MC216800**

Hrh1 (NM_008285) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hrh1 (NM_008285) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hrh1
Synonyms:	Bphs; H1R; HH1R; Hir
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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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:	<ol style="list-style-type: none">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:	<u>NM_008285.3</u> , <u>NP_032311.2</u>
RefSeq Size:	3782 bp
RefSeq ORF:	1467 bp
Locus ID:	15465
UniProt ID:	<u>P70174</u>
Cytogenetics:	6 53.05 cM
Gene Summary:	<p>In peripheral tissues, the H1 subclass of histamine receptors mediates the contraction of smooth muscles, increase in capillary permeability due to contraction of terminal venules, and catecholamine release from adrenal medulla, as well as mediating neurotransmission in the central nervous system. Involved in circadian rhythm of locomotor activity and exploratory behavior. Also involved in responsiveness to pertussis toxin through its control of susceptibility to histamine hypersensitivity and enhancement of antigen-specific delayed-type hypersensitivity responses.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 6. Variants 1 through 6 encode the same protein.</p>