

Product datasheet for **RN213231**

Hmmr (NM_012964) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hmmr (NM_012964) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hmmr
Synonyms:	RHAMM
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213231 representing NM_012964
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTTCCCTAAGCGCCCTGAAAAGATTCAATGACCCTTCGGGTTGTGCTCCATCTCCAGGTGCTT
 ACGATGTTAAAATTTCAGAATCAACTAAAGGACCAGTGTCTTTTCAGAAATCACAAAAGATTTAAAAACCA
 AAGAGAGTCTCAACAAAATCTTAACATTGACAAAGATACGACCTTGCTTGCTTCTGCTAAAAAAGCAAAG
 ACGTTGGTGTCAAAGAAGGAGTCTCAGAAGAATGATAAAGATGTGAAGAGATTAGAAAAAGAGATTCATG
 TTCTTTTGAAGAACGAGGGACTCAGGACAAACGGATCCAGGACATGGAGTCTGAGTTGGAGAATACAGA
 AGCCAATCTAAATGCACCAGTACAGAGAAACCATCTCTGTCTGCCAATAATGCTTCACTGGAAAAACGG
 CTTACTGAGCTGACCAGACCAACGAGCTCCTAAAGTCTAAGTTTTCTGAAGATGCTCACAAAAGAATA
 TGAGAACTCTAAGCCTGGAATTGATGAAACTGAGAAATAAGAGAGAGACAAAGATGAGGAGCATGATGGC
 TAAACAGGAAGGCATGGAGCTGAAGCTGCAGGCCACTCAGAAGGACCTCATTGAGTCTAAGGGGAAAATA
 GTACAGCTGGAGGAAAACCTTGTTTCAATAGAGAAAGAAAAGATCGATGAAAAATCTGAAACAGAAAAAC
 TCTTAGAATACATAGAAGAAATTAGCTGTGCATCTGATCAAGTGAAAAATACAACTAGATATTGCCCA
 GTTAGAAGAAGATTTGAAAGAGAAGGATCGTGAGATTTTATGCCTTAAGCAATCTCTTGAGGAAAAGGTT
 TCCTTTTCTAAGCAAAATAGAAGACCTGACTGTTAAATGTCAGCTGCTTGAAGCAGAAAAGAGATGATCTCG
 TCAGCAAGGACAGAGAAAGGGCTGAAAGCCTCAGTGCTGAGATGCAGGTTCTAACAGAGAAGCTGCTTCT
 AGAAAGGCAAGAATATGAAAAGCTGCAACAAAATGAATTGCAAAGCCAGTCACTTCTGCAGCAAGAAAAG
 GAACTGTCTGCTCATCTTCAGCAGCAGCTCTGCTCATTTCAAGAGGAAAATGACCTCCGAGAGGAATGTCT
 TTAAGAACAGTTGAAGCTTGCCCTGGATGAGCTGGATGCCGTCCAGCAGAAAAAGGAGCAGAGTGAAAA
 GCTGGTTAAACAGCTAGAAGAGGAAACGAAGTCAACTGCCGAACAGCTGAGGCGGCTGGATGATCTGCTG
 AGAGAGAAAAGAAATTGAACTGGAGAAAAGAACCCTGCACATGCCAGGCCACTGTGATTGCGCAAGAGA
 AGTACAGTGACACAGCGCAGACTCTGAGAGATGTTACTGCTCAGTTAGAAAGCTATAAGTCATCAACACT
 TAAAGAAATAGAAGATCTTAAACTGGAGAATTTGACTCTACAAGAAAAAGTAGCCATGGCTGAGAAAAGG
 GTAGAAGATGTTCAACAACAAATATTAACAGCTGAGAGCACAATCAGGAATATGCAAAGGTGGTTCAAG
 ATTTGCAGAACAGCTCAACATTGAAAGAAGCAGAAATTAAGAAATCACATCTTCATATCTTGAGAAAAT
 AACTGATTTGCAAAATCAACTCCGACAACAAAATGAAGACTTTAGGAAGCAGCTGGAAGAGGAAGGGGCA
 AAAATGACAGAGAAAAGAACTGCAGTGACAGAATTAACCATGGAATTAATAATGGCGTCTCCTATATG
 AAGAAGCTTTGACAAAACCTTTTCAGCAACAACCTGGATGCCTTCGAAGCAGAGAAGCAGGCACT
 GTTGAATGAACATGGTGCAACTCAGGAGCAGCTAAGTAAAATCAGAGACTCCTACGCACAGCTGCTTGGC
 CACCAGAACTGAAGCAAAAAATCAAACATGTCGTGAAATTTGAAAGATGAAAATAGCCAGCTCAAATCGG
 AAGTGTCAAAAACCTCCGATCTCAGCTTGCTAAAAGGAAACAAAATGAGCTCAGACTTCAGGGAGAATTAGA
 TAAAGCTCTGGGCATCAGGCACTTTGACCCTTCTAAGGCTTTTTTGCCATGAATCTAAGGAGAAATGTGACC
 CTCAAGACTCCATTGAAAGAAGGCAACCCGAACCTGCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012964
Insert Size: 2142 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:	<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_012964.2</u> , <u>NP_037096.2</u>
RefSeq Size:	2286 bp
RefSeq ORF:	2142 bp
Locus ID:	25460
Cytogenetics:	10q12
Gene Summary:	binds hyaluronan; may play a role in ceell signaling and regulation of the cytoskeleton in the central nervous system [RGD, Feb 2006]