

## Product datasheet for **RN211038**

### Hyal1 (NM\_207616) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Hyal1 (NM_207616) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hyal1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211038 representing NM_207616 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGCCCTTCAGTCTGAGGTTTCCCAGACCCATGCCCTGCCACTGCAGCCACCTGCTTCGCACCT  
ACACGCTCTTCTGACCTTGCTGGAGTTGGCCCAAGTTGCAGAGTTCCATGGTATCCAACCGGCCGTT  
CATCACTGTTTGGAAATGCAGACACTCACTGGTGCCTGAAGGACCAGGAGTGGATGTGGATGTCAGTGTC  
TTCGACGTGGTTGCCAACAGGAGCAGAATTTCCAAGGCCCAACATGACTATTTTCTACCGAGAGGAGT  
TGGCACCTACCCTACTATACACCCACCGGGAAACCCGATTTTGGTGGTCTGCCCCAGAATGCCAGCCT  
GGTTACCCACCTTCTCACGCATTCCAGGACATCAAGGCTGCCATGCCTGAACCTGACTTCTCGGGACTG  
GCGGTCATTGATTGGGAGGCTTGGCGCCACGATGGGCCTTCAACTGGGACAGCAAGGACATTTATCAGC  
AGCGCTCAATGGAAGTGGTCCGGGCAGAGCACCCCTGATTGGCCAGAACTTTAGTGAAGCAGAAGCCCA  
AGGCCAGTTCAGGAAGCTGCAGAGGCCCTGGATGGCAGGGACCCCTCAACTGGGGCAGGTAAGTGCCTCC  
CGTGGCCTCTGGGGCTACTATGGCTTCCCTGACTGCTACAACCTACGACTTCTAAGTCCCACTACACAG  
GCCAGTGTCTCACTGAGCATCCATGATCAGAATGACCAGCTAGGGTGGTTGTGAACAGAGCTATGCCCT  
TTACCCAGTATTTACTTGCCTGCAGCACTGATGGGCACAGGGAAGTACAGATGTATGTTTCGATACCGT  
GTGCAAGAGGCGTTCCGTTTGGCTTTAGTTTCCAGAGACCCTCATGTGCCATAATGCCCTACGTCCAAA  
TCTTCTATGAAAAGACAGATTATCTTCTACCCCTGGAGGAGCTGGAGCACAGCCTGGGAGAGAGTGCAGC  
CCAGGGAGCGGCAGGAGCAGTGTCTGGATAAGCTCAGAAAAACAAGTACCAAGGAGTCATGCCAAGCC  
ATTAAGCATACATGGATTCCACACTCGGACCCCTTATCTGAACGTAACCAAGTGCAGCTCTTTGTGCA  
GCGAAGCTCTGTGTTCTGGCCGTGGTGTGTGTCGCCATCCCAGTTACCCTGAGGCTCTCCTCACCCCT  
CAGCCCTGCCAGCTTCTCATTGAGCCAACACATGATGGCAGACCCTGAGCCTCAAGGGTACCCTCTCG  
CTTAAGGATCGGGCACAGATGGCTATGAAATCAAGTGTGCATGCTACCGTGGATGGAGTGGAGAGTGGT  
GTAAGAAGCAGGATATG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_207616
<b>Insert Size:</b>	1350 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_207616.1</a> , <a href="#">NP_997499.1</a>
<b>RefSeq Size:</b>	1350 bp
<b>RefSeq ORF:</b>	1350 bp
<b>Locus ID:</b>	367166
<b>UniProt ID:</b>	<a href="#">Q76HN1</a>
<b>Cytogenetics:</b>	8q32
<b>Gene Summary:</b>	lysosomal hyaluronidase; degrades intracellular hyaluronan, one of the major glycosaminoglycans in the extracellular matrix; this is the primary hyaluronidase in plasma; active at acidic pH [RGD, Feb 2006]