

Product datasheet for **RN205087**

Hyal4 (NM_001100780) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hyal4 (NM_001100780) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hyal4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205087 representing NM_001100780
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCAACTATTGTCTGAAGGACAATTAAGACGCTGTGTTGTTCAACCAGTACATCTTACATCAGGGCTGC
 TCATATTTTTATCCTGAAGTCTATCTCATCCCTAAAACCTGCTCGACTTCCAGTTTATCAAAGGAAACC
 TTTTATAGCTGCTTGAATGCTCCAACAGACCTGTGTTTGATAAAATATAATTTGGCAGTGAACCTAAAA
 GTGTTTCAGATGGTTGAAGCCCTCGGCTCAAAGACAGGAGGCAAAATGTTGTTATATTTATGCCAACA
 AATTGGGATCTTACCATGGTATACATCAGAAGGGGTACCATCAATGGTGGTCTTCCCCAAACACAAG
 CTTACAGGTACACCTGGAAGGCTTACCAGGATTAATTATTACATCCCTTCTGAAAATTTTCACTGGA
 CTTGCTGTTATAGACTGGGAATATTGGCGCCACAGTGGGCCCGAACTGGAACACCAAGGATATCTACA
 GACAGAAGTCAAGAACTCTTATTTCTGATGAAGGAGAACATATCCACTGCTGATATTGAATTTTAGC
 CAAAGCAACTTTTGAGAAAAGTGCAAAAGCTTTCATGGAGGAACTATCAAATTTGGAATTAAGAGCAGA
 CCCAAGGGCTTTTGGGGTTATTACTTGTATCCTGACTGCCACAATTACAATTTTTATGCTACAACTATA
 CCGGGTCATGCCAGAAGAGGAAGTTTTGAGGAACAATGACCTCTCTTGCTCTGGAACAGCAGTACTGC
 TCTGTATCCTGCTGTTAGTATTAGGAAATCCTTTGCAGACAGTAAAAATACTTTGCACTTCTCACAATTT
 CGGGTGCCTGAATCACTGAGGATCTCTACTATGACATCACATGATTATGCTCTGCCCGTATTTGTCTACA
 CACGGCTGGGCTACAAAGAGGAACCTTTGCTTTTCTTTCTAAGCAAGATCTAATTAGTACCATAGGAGA
 AAGTGTGCGTTGGGAGCTGCAGGCATTGTTGTTGGGAGACATGAATTTAACTTCATCTGCGGAGAAC
 TGTACAAAGGTGAACCGCTTTGTGAACCTGATTTTGGTAGCTACGTAATCAATGTGACCACAGCAGCTG
 AAGTGTGCAGTCGTCATCTTTGCAAGAACAATGGGAGGTGTGCACGGAAGACATGAAAGCAGCTCATT
 CCTCCACTTGAACCTGCGAGTTACCACATAGAGGCCTCTGCAGATAGAGAATTCGTAGTGAAGGGAAGA
 GCGTCAGATGCTGACCTAGCCGCCATGGCAGAGAATTTTCTATGTCACTGTTATGAGGGCTATGAGGGG
 CTGACTGTAGAGATATGACAGAGGCCAGTGGCCCTCGGGGGTTCCGTTTCTCTAGTTAGTAATAAC
 ACTGTGCTGATAGCTCTAGCAGGTCATCAAAGCATTAGCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001100780
- Insert Size:** 1446 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:	<u>NM_001100780.1, NP_001094250.1</u>
RefSeq Size:	3266 bp
RefSeq ORF:	1446 bp
Locus ID:	404783
Cytogenetics:	4q22