

Product datasheet for **RN208438**

Hyal3 (NM_207599) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hyal3 (NM_207599) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hyal3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208438 representing NM_207599 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATCACGCAGCTAGGCTAACCCCTGGTGGTGGGGTTAACCCCTATGCTTGGTACACGTCAGGCTTTGC
TGCAGGTTCTGAGCTTCCCTTTCTGTGCTGTGGAATGTACCCCTCAGCAAGATGTAAGACCCGCTTTGG
TGTGCATCTGCCCTCGATGCTCTTGGCATCATAGCCAACCATGGCCAGCGTTTTTCATGGCCAAAACATC
ACCATCTTCTATAAGAACCAGTTCGGTCTTTATCCTTACTTTGGACCTAGAGGCACAGCCACAATGGGG
GAATCCCTCAGGCTGTGTCCCTAGACCACCACTTGGCACAAGCTGCCACCAGATCCTCCACAACCTAGG
ATCTAGCTTTGCTGGCTTGGCAGTCTGGACTGGGAAGAATGGTACCCACTCTGGGCTGGGAAGTGGGGC
ACCCATCGACAAGTCTACCAGGCAGCCTCCTGGGCTTGGGCACAGCAGATGTTCCCTGACTTGAACCCTC
AGGAACAGCTCCACAAAGCCAACTGGCTTTGAGCAGGCTGCCCGTGCCTGATGGAACACACTGCG
GCTGGGCCAGATGCTTCGCCACATGGGCTCTGGGGCTTTATCGATACCCAGTCTGTGGCAATGGCTGG
CATAATATGGCTTCCAACACACAGGCCACTGCCATCCAGCCATCATTACCCGAAACACCCAGCTGCGTT
GGCTCTGGGCTGCCTCCAGTGTCTCTTCCCTAGCATCTACCTCCACCCAGACTTCCACCTGCCTACCA
TCAGACCTTTGTACGACACCGCCTGGAGGAGGCCTTCCGTGTAGCCCTCACTGGGATGCCATCCCTTA
CCTGTTCTGGCTTATGTTTCGCCTCACACACCGGAGCTCTGGGAGATTCTGTCTCTGGATGACCTAATGC
AGACTATTGGTGTGAGTGCAGCACTGGGAGCAGCTGGCGTAGTGCTCTGGGGGGACCTGAGTGTCTTAG
CTCTGAGGAAGAGTGTGGCGTCTCCATGACTACCTAGTGGGCACTTTAGGCCCTATGTGATCAACGTG
ACCAAGGCTGCCACAGCCTGCAGTACCAGCGATGCCATGGCCACGGTCGCTGTTCTGGAAGACCCAG
GACAAATGGAAGCCTTTCTACATCTGCAGCCAGATGACAACTTTGGAGCTTGAAGTCTTCAGATGCCG
TTGTTACTTGGGCTGGTCTGGCCCTACCTGCCTGGAGCCTAAACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_207599
Insert Size:	1239 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:	NM_207599.2 , NP_997482.2
RefSeq Size:	1426 bp
RefSeq ORF:	1239 bp
Locus ID:	300993
UniProt ID:	Q76HM9
Cytogenetics:	8q32
Gene Summary:	member of a family of enzymes that catalyze the breakdown of the extracellular matrix component hyaluronan [RGD, Feb 2006]