

Product datasheet for **RN213034**

Hyal2 (NM_172040) Rat Untagged Clone

Product data:

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|--------------------|--------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Hyal2 (NM_172040) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Hyal2 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN213034 representing NM_172040
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGGGCAGGACTGGGTCCCATCATCACA**CTGGCCCTAGTGCTGGAGGTAGCATGGGCCTCGGAGCTTA**
 AGCCCACAGCGCCGCCATCTT**CACCGCCGACCCTTTGGT**AGCATGGAATGTACCCACACAAGAATG
 TGCTCCCGCCCAAAGT**GCCCCTGACCTTAGGGCCTTCGATGTGGAGGCTACACCTAACGAGGTTTT**
 TTCAACCAGAATATCAC**CACTTCTACTATGACCGTCTAGGCCTGTATCCACGTTTTGATGCAGCTGGGA**
 TGTCTGTGCATGGTGGCGTGCCTCAGAACGGTAGCCTCTGTGCACACCTGCCATGCTGAAGGAAGCTGT
 GGAACGCTACATT**CAGACCCAGGAGCCTGCGGGCTGGCGTCA**TTGACTGGGAGGAATGGCGACCA**GTG**
 TGGTT**CGAACTGGCAGGAGAAAGATGT**ACC**GGCAGTCTT**CAGCCAGCTGGTGGCCAGT**CGACACC**
 CTGACTGGCCATCAGACCGAATAGTGAAGCAGGCGCAGTACGAATTCGAGTTCGCTGCTCGGCAGTTCAT
 GTTGAACACACTCCGTTACGTCAAGGCAGT**CAGACCTCAGCACCTGTGGGGCTTCTACCTTTCTCTGAC**
 TGCTATAATCATGATTACGTACAGAACTGGGATAGCTACACAGGCCGCTGCTCCTGACGTGGAGGTGGCAC
 GAAATGACCAGTTGGCCTGGCTCTGGGCTGAGAGTACAGCTCTTTCCCTCCGTGTACCTGGACGAGAC
 GCTGGCATCCTCAAACACAGCCGCAACTTTGT**CAGCTTCCGTGTT**CAGGAGGCCCTTCGTGTGGCTCAC
 ACCCACCATGCAAACCATGCACTCCCGTGTATGTCTT**CACCGTCCCACATA**TACCCGAGGGCTCACAG
 AACTTAGCCAGATGGACCTCATCTTACCATCGGTGAGAGCGCCGCCCTGGGCTCAGCTGGTGTATCTT
 CTGGGGCGACTCAGTGTACGCTTCAAGTATGGAGA**ACTGCCAGAACCTCAAGAAGTACCTAACGCAGACG**
 CTGGTCCCCTACATAGTCAATGTGTCTGGGCCACCCAGTACTGCAGTTGGACCCAGTGCATGGCCATG
 GCGCTGTGTGGCGCCAATCCAGCGCCAGTACCTTCTTGCACCTCAGTCCAGCAGCTCCGCCTGGT
 GCCTGGCCGACGCCCAGTGAACCCAGCTTCGACCTGAGGGGGAGCTCAGCGAAGATGACCTCAGCTAC
 CTGCAGATGCACTTTCGCTGCCACTGCTATCTGGGCTGGGGTGGT**GAGCAGTGCCAGTGGAA**CCATAAA**C**
 GGGCAGCTGGGGATGCCAGTAGAGCCTGGGCTGGAGCCACCTCGCCAGTCTCCTGGGTTGGTAGCTAT
 GACTCTCACCTGGACCTA**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-RsrII

ACCN: NM_172040

Insert Size: 1422 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: [NM_172040.2](#), [NP_742037.2](#)
RefSeq Size: 1940 bp
RefSeq ORF: 1422 bp
Locus ID: 64468
Cytogenetics: 8q32
Gene Summary: enzyme which hydrolyzes high molecular mass hyaluronan to intermediates [RGD, Feb 2006]