

Product datasheet for **MC203770**

Hyal1 (NM_008317) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hyal1 (NM_008317) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hyal1
Synonyms:	Hya1; Hyal-1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021636
 CCACGCGTCCGAGCTTCTAAGCTGGTCAACTAGGACCAGCTTGCGGGACAGAATCCGGCCAAGACAT
 GCTTGGGCTTACACAGCATGCTCAGAAAGTTTGGAGAATGAAGCCCTTCAGTCTGAGGTTTCCCAGGC
 TCATCCCTGCCACCGCAGGCCACCTGCTTCGCATCTCTACTCTTCTGACTTTGCTCGAGTTGGCCC
 AAGTCTGCAGAGGTTCCGTGGTATCCAACCGGCCATTCACTACTGTTTGGAAATGGAGACACTATTGGTG
 CCTGACGGAGTATGGAGTGGATGTGGATGTCAGTGTCTTCGATGTGGTTGCCAACAGGAGCAGAGTTTC
 CAAGGCTTAACATGACAATTTTCTACAGAGAGGAATTGGGCACCTACCCCTACTATACACCCACAGGGG
 AACCCGTATTTGGTGGTCTGCCCAAGAATGCCAGCCTGGTTACCCACCTTGCTCACACATCCAGGACAT
 CAAGGCTGCCATGCCTGAACCTGACTTCTCAGGACTGGCAGTCATTGATTGGGAGGCTTGGCGCCACGG
 TGGGCCTTCAACTGGGACAGCAAGGACATTTATCGGCAGCGCTCAATGGAAGTGGTCCAGGCAGAGCACC
 CTGATTGGCCAGAACTTTAGTGAAGCAGCAGCCAAAAACAGTTCCAGGAAGTGCAGAGGCCTGGAT
 GGCAGGCACCCCTCAACTGGGCAGGACTGCGTCCCCGTGGCCTCTGGGGCTACTATGGCTTCCCTGAC
 TGCTACAACAACGACTTTCTAAGTCTCAACTACACAGGCCAGTGGCCAGTATTGTCGGTATCAGAACG
 ACCAGTAGGGTGGTGTGGAACCAGAGCTATGCCCTTTACCCAGTATTTATTTGCCTGCAGCACTGAT
 GGGCACAGAGAAGTCACAGATGTACGTTGACACCGTGTGCAAGAGGCGCTCCGTGTGGCTATAGTTTCC
 AGAGACCCCATGTGCCGTAATGCCCTACGTCCAGATCTTCTATGAAATGACAGATTATCTTCTGCCCC
 TGGAGGAAGTGGAGCACAGCCTGGGGGAGAGTGCAGCCCAGGGAGTGGCAGGAGCAGTGTCTGGCTAAG
 CTCAGACAAAACAAGTACCAAGGAATCATGCCAGGCCATTAAAGCATAACATGGATTCTACTTGGGCC
 TTCATCGTGAACGTGACCAGTGCAGCTCTTTGTGCAGCGAAGCTCTGTGTTCCGGCCATGGTCGCTGTG
 TCCGCCATCCAAGTTATCCTGAGGCTCTCCTCACCCCTCAACCCTGCCAGTTTCTCCATTGAGCTAACACA
 TGATGGCAGGCCCCGAGCCTCAAGGGTACCCTCTCACTTAAGGACCGGGCGCAGATGGCTATGAAATTC
 AGGTGCCGATGCTACCGTGGATGGAGAGGCAAGTGGTGTGACAAGCGGGTATGTGATGATTAGCTGCAC
 CCAACTGCACACACTGAACACCTGACATACCCAGGGCCTACCTAGGACTTCTCAAATACAGTCAATGC
 CCATAAGTCACAGGAGTACACTCCACCCTGACATGGCCACAGGCACATAGGCACAGTACCGGGAATAGT
 CACATAGTGAATCAGAGTTTAGGACAGGCACTATCCATTCTGAGCCTAGAAGACCTAATTGTGACGAGG
 ATCACAGGCAGTTCCTCCAGAATCTATGAGTCAGCAGACACAAAAGCTGGCATTGGCCATATGTCAGCTC
 TGTGCCAAGCCCTATGCTAATAAGCAAGCACTAGAAGTGGGCTAACTCATTGAGTCTTTGCAATGGACAT
 GCAGGGAAAGCTGAGCCTTTTTCATTCACTTACCTCACACAAGCTACCCAGCCACTGAGGGTTGCCAGCA
 AGAAGAGACAAGCAAGGCCAGGCATGGATGATGCACACCTTAGATCCCAGTACTGGGAGGCAAGGCCAG
 CCTGGTCTACATATTGAGCTCCAGGACAGCCAGGACTACACAGAGAGACTGTTGGCGCATGCCTTTAA
 TCCCAGCACTTGGGAGGCAGAGGCAGGCCAATTTCTGAGTTTGGGCCAGCCTCGTCTACAGAGTGAGTT
 CCAGGACAGCCAGGGCTACACAGAGAAACCTGTCTCAAAAACAAAAAACAACAAAAAACCAAA
 CAAACAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_008317

Insert Size: 1389 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: [BC021636](#), [AAH21636](#)

RefSeq Size: 2191 bp

RefSeq ORF: 1389 bp

Locus ID: 15586

UniProt ID: [Q91ZJ9](#)

Cytogenetics: 9 58.17 cM

Gene Summary: May have a role in promoting tumor progression. May block the TGFB1-enhanced cell growth. [UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.