

Product datasheet for **MC216462**

Hyal2 (NM_010489) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hyal2 (NM_010489) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hyal2
Synonyms:	AI256841; AU020858; AW555733
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC216462 representing NM_010489
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGGGCAGGACTAGGTCCCATCATCACACTGGCCCTAGTGCTGGAGGTAGCATGGGCCGGGAGCTTA
 AGCCACAGCGCCGCCATCTTCACTGGCCGACCCTTTGTGGTAGCATGGAACGTGCCACACAAGAATG
 TGCCCCACGCCACAAAGTGCCACTGGACCTTAGGGCCTTCGATGTGAAGGCTACACCGAATGAGGGTTTT
 TTCAACCAGAATATCACACCTTCTACTACGACCGTCTAGGCCTGTATCCACGTTTTGATGCAGCCGGGA
 CATCTGTGCATGGCGGTGTGCCTCAGAACGGCAGCCTCTGTGCACACCTGCCATGCTGAAGGAATCTGT
 GGAACGCTACATCCAGACCCAGGAGCCTGGGGGCTGGCAGTCATTGACTGGGAGGAATGGCGCCTGTA
 TGGGTTTCAAAGTGGCAGGAGAAAGATGTTTACCGACAGTCTTACGCCAGCTGGTGGCCAGTCGGCACC
 CTGACTGGCCATCAGACAGAGTAATGAAGCAGGCCAGTACGAGTTTGTGTTCCGCCCTCGGCAGTTCAT
 GTTGAACACTCTCCGTTACGTCAAGGCAGTCAGACCCAGCACCTGTGGGGCTTCTACCTCTTCCCTGAC
 TGCTACAATCACGATTATGTACAGAAGTGGGAGAGCTACACGGGCGCTGTCCCGATGTGGAGGTGGCAC
 GGAACGACCAGCTGGCCTGGCTCTGGGCTGAGAGCACGGCTCTCTTCCCTCTGTGTACCTGGACGAGAC
 ACTGGCGTCTCCGTACACAGCCGCAACTTTGTACGTTTTCCGTGTTCCGGAGGCCCTTCGAGTGGCTCAC
 ACCCACCATGCCAACCACGCCCTCCCGTGTACGTCTTACGCGTCCCACATACACCCGAGGACTCACGG
 GACTGAGCCAGGTGGACCTTATCTTACCATCGGTGAGAGTGCCGCCCTGGGCTCAGTGGCGTCATCTT
 CTGGGGCGACTCGGAAGACGCTTCAAGTATGGAGACCTGCCAATACCTCAAGAATTACCTAACTCAGCTG
 CTGGTTCCCTACATAGTCAACGTGTCTGGGCCACCCAGTATTGCAGTTGGACCCAGTCCATGGCCATG
 GCGCATGTGTGCGCCGCAACCCAGCGCAATACCTTCTGCACCTCAATGCCAGCAGCTCCCGCTAGT
 GCCTGGCCATACCCCAAGTGAACCCAGCTTCGACCCGAGGGGACGCTCAGCGAAGCCGACCTCAACTAC
 CTGCAGAAGCACTTTCGCTGCCAGTGCTATCTGGGCTGGGGTGGCGAGCAGTGCCAACGGAACTATAAGG
 GGGCAGCTGGAATGCCAGCAGAGCCTGGGCTGGATCCCACCTCACAGCCTGCTGGGTTTGGTAGCTGT
 GGCTCTCACCTGGACCTTA**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1966_e10.zip

Restriction Sites: SgfI-RsrII

ACCN: NM_010489

Insert Size: 1422 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:	<u>NM_010489.2</u> , <u>NP_034619.2</u>
RefSeq Size:	1872 bp
RefSeq ORF:	1422 bp
Locus ID:	15587
UniProt ID:	<u>O35632</u>
Cytogenetics:	9 58.12 cM
Gene Summary:	Hydrolyzes high molecular weight hyaluronic acid to produce an intermediate-sized product which is further hydrolyzed by sperm hyaluronidase to give small oligosaccharides. Displays very low levels of activity. Associates with and negatively regulates MST1R (By similarity). [UniProtKB/Swiss-Prot Function]