

## Product datasheet for **SC208322**

### **HYAL1 (NM\_153282) Human 3' UTR Clone**

#### **Product data:**

**Product Type:** 3' UTR Clones  
**Product Name:** HYAL1 (NM\_153282) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** HYAL1  
**Synonyms:** HYAL-1; LUCA1; MPS9; NAT6  
**ACCN:** NM\_153282  
**Insert Size:** 620 bp  
**Insert Sequence:** >SC208322 3'UTR clone of NM\_153282  
The sequence shown below is from the reference sequence of NM\_153282. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCGTGGTGTGAGCGGAAGAGCATGTGGTGAATTGGCCACACACTGAGTTGCACATATTGAGAACCTAATG
CACTCTGGGTCTGGCCAGGGCTTCCTCAAATACATGCACAGTCATAACAAGTCATGGTCACAGTAAAGAG
TACACTCAGCCACTGTACAGGCATATTCCTGCACACACATGCATACTTACAGACTGGAATAGTGGCA
TAAGGAGTTAGAACCACAGCAGACACCATTTCATCCATGTCCATATGCATCTACTTGGCAAGGTCATAG
ACAATTCCTCCAGAGACTGAGCCAGTCTTTGAACTGCAGCAATCACAAGGCTGACATTCAGTACTGAGT
GCCTACTCTTTGCCAATCCCCGTGCTAAGCGTTTTATGTGGACTTATTCATTCCTCACAATGAGGCTAT
GAGGAACTGAGTCACTCACATTGAGAGTAAGCACGTTGCCAAGGTTGCACAGCAAGAAAAGGGAGAA
GTTGAGATTCAAACCCAGGCTGTCTAGCTCCGGGGTACAGCCCTTGCCTACTGAGTTTGTGGTA
ACCAGCCCTGCACGACCCTGAATCTGCTGAGAGGCACCAGTCCAGCAAATAAAGCAGTCATGATTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



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RefSeq: [NM\\_153282.3](#)

**Summary:** This gene encodes a lysosomal hyaluronidase. Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is thought to be involved in cell proliferation, migration and differentiation. This enzyme is active at an acidic pH and is the major hyaluronidase in plasma. Mutations in this gene are associated with mucopolysaccharidosis type IX, or hyaluronidase deficiency. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:** 3373

**MW:** 22.6