

Product datasheet for **SC204528**

HYAL2 (NM_003773) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HYAL2 (NM_003773) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: HYAL2
Synonyms: LUCA2
ACCN: NM_003773
Insert Size: 351 bp
Insert Sequence: >SC204528 3'UTR clone of NM_003773

The sequence shown below is from the reference sequence of NM_003773. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCAGCCCTGGCCTTTACCTGGACCTTGTAGGGGTCTCCTGCCTAGCTGCCTAGCAAGCTGGCCTCTACC
ACAAGGGCTCTCTTAGGCATGTAGGACCCTGCAGGGGGTGGACAAACTGGAGTCTGGAGTGGGCAGAGC
CCCCAGGAAGCCAGGAGGGCATCCATACCAGCTCGCACCCCTGTTCTAAGGGGGAGGGGAAGTCCC
TGGGAGGCCCTTCTCTCCCTGCCAGAGGGGAAGGAGGTACAGCTGGGCTGGGGAGGACCTGACCTTA
CTCCCTTGCCCTAGATAGTTTATTATTATTATTTGGGGTCTCTTTGTAAATTAACATAAAACA
ATTGCT
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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.

RefSeq: [NM_003773.5](#)



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Summary:

This gene encodes a weak acid-active hyaluronidase. The encoded protein is similar in structure to other more active hyaluronidases. Hyaluronidases degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan and fragments of hyaluronan are thought to be involved in cell proliferation, migration and differentiation. Although it was previously thought to be a lysosomal hyaluronidase that is active at a pH below 4, the encoded protein is likely a GPI-anchored cell surface protein. This hyaluronidase serves as a receptor for the oncogenic virus Jaagsiekte sheep retrovirus. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression. This gene encodes two alternatively spliced transcript variants which differ only in the 5' UTR. [provided by RefSeq, Mar 2010]

Locus ID:

8692

MW:

12.2