

Product datasheet for **SC204334**

HYAL4 (NM_012269) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HYAL4 (NM_012269) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HYAL4
Synonyms:	CSHY; HYAL-4
ACCN:	NM_012269
Insert Size:	356 bp
Insert Sequence:	>SC204334 3'UTR clone of NM_012269

The sequence shown below is from the reference sequence of NM_012269. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTAGCAAGTTATCGAAGCATTTCAGTTGTGAGATAATTGAGTTAAAGGGAATTGTGTGCCCTCTAGCCT
AGTCATTTAAAGAAGGATGTAACCTATAACATTTTTTTCTCTTGAATTCTATTGAGAGATATTATA
AGTAGACATTATGTATGTCACTTAACATAAACAGAAACATTATTTTATTGCCTCCAGTCTGGCTAGGA
AACCGAGATCTGGGGTAAAGTCAATGTACACTTCCTCCTTATTGGAATATTTAAGTTGCATTTAAACTAA
AACTAGTATAATTTAGTCTTTTCATGAATGTACATACATAAAAATTATACATAAAAAATATTAATTATTC
ATTTCAAAGAC
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-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:	<u>NM_012269.3</u>



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Summary:

This gene encodes a protein which is similar in structure to hyaluronidases but lacks hyaluronidase activity. The encoded protein acts as a chondroitin-sulfate-specific endo-beta-N-acetylgalactosaminidase; that is, it exhibits hydrolytic activity toward chondroitin sulfate chains and degrades them into oligosaccharides. Proteoglycans are formed by the covalent linkage of chondroitin sulfate chains to protein. Proteoglycans are ubiquitous components of the extracellular matrix of connective tissues and are also found at the surface of many cell types where they participate in a variety of cellular processes such as cell proliferation, differentiation, migration, cell-cell recognition, extracellular matrix deposition, and tissue morphogenesis. The expression of this gene is highest in testes and placenta. [provided by RefSeq, Apr 2019]

Locus ID:

23553

MW:

14