

Product datasheet for **RN201313**

Has1 (NM_172323) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Has1 (NM_172323) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Has1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201313 representing NM_172323
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGACAGGACATGCCAAAGCCCTCAGAGGCAGCACGTTGCTGCTCCGGTCTGGCCAGGCGGGTGTCTCA
 CGATCACCTTCGCCCTGCTCATCTGGGCTCATGACCTGGGCTACGCAGCAGGAGTACCTCTGGCTTC
 TGATCCCTATGGCCTCCTGGCCTTTGGGCTCTATGGGCGTTCCTCAGTGCGCACCTAGTGGCACAGAGC
 CTCTTCGCTTACCTGGAGCACCGAAGGGTGACCGTGGCTGCGCGGCGCGCTTTTGCAGAGGACCCCTGG
 ATGCGGCCACTGCGCGCAGCGTGGCACTCACCATCTCAGCCTACCAGGAGGACCCCACTTACCTGCGCCA
 GTGCTTACCTCCGCGCGCGCTTGTGTACCCGCGCACGCGGCTGCGCGTGCTTATGGTGTAGACGGC
 AATCGCGCGGAGGATCTGTACATGGTGGACATGTTCCGAGAAGTCTTCGCAGATGAGGACCCCTGCCACTT
 ATGTGTGGGATGGCAACTACCATCAGCCTTGGGAGCCAGCTGAGGCGGCGGGTGTGTGGGTGAAGGTGC
 CTACCGGAGGTGGAGGCTGAGGACCCGGGCGGCTGGCGGTAGAGGCGCTGGTGAAGACCCGAGGTGC
 GTGTGCGTGGCTCAGCGCTGGGTGGCAAGCGCGAAGTATGTACACGGCTTCAAGGCACTGGGTGACT
 CCGTGGACTACGTGCAGGTCTGTGACTCAGACACAAGGTTAGACCCCATGGCACTGCTGGAGCTTGTGCG
 AGTGTGGATGAAGACCCCGGGTAGGTGCTGTTGGAGGAGATGTGAGAATCCTTAACCCCTGGA
 TGGGTCAGCTTCTTGGAGCAGCCTTCGATACTGGGTAGCCTTCAATGTGGAGCGAGCTTGTGAGAGCTACT
 TTCCTGTGTCTCCTGCATCAGTGGTCTCTGGGTCTATACAGAAACAATCTCCTGCAGCAGTTCCTGGA
 GGCTGGTACAACCAGAAGTTCCTGGGCACCCACTGCACATTTGGGGATGACAGGACCTCACCAACCGC
 ATGCTTAGCATGGGTACGCTACCAAGTATACCTCGCGCTCCAGATGCTATTGAGAGCGCCCTCCTCTT
 TCCTTCGTTGGCTGAGCCAGCAGACCCGCTGGTCCAAATCTTATTTCCGAGAGTGGCTATACAACGCCCT
 GTGGTGGCACCCGCCACCACGCGTGGATGACCTATGAAGCGGTGGTTTCTGGCCTTCCCTTTCTTTGTG
 GCTGCCACGGTGTGAGGCTCTTCTATGCAGGGCGCCATGGGCTCTGCTCTGGGTGCTGCTCTGCGTGC
 AGGGCGTGGCACTGGCAAAGGCAGCCTTTCAGCCTGGCTGCGTGGTGCCTGCGCATGGTGTGCTGCTGC
 ACTCTATGCACCACTCTACATGTGCGGCTGCTGCCTGCCAAGTTCCTGGCGTTGGTTACCATGAATCAA
 AGTGGTTGGGACCTCGGGCCGAAGAACTGGCTGCTAACTATGTACCCGTTGGCCCTGGCACTCT
 GGGCTCTACTGCTGCTTGGAGGCTGATCCGAGTGTGGCCAGGAGGTGAGAGTACTGGAGTGGCC
 ATCAGGAGCAGCTGAAGCCTACCACCTGCTGCTGGGCGCAGTGCCTATGTGGCCTACTGGGTGATAATG
 TTGACTATCTATTGGTGGTGAAGGAGACTGTGAGACGCTCGGAGCGGTGGCTACCGTGTCCAAGTAT
 GA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_172323
- Insert Size:** 1752 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: [NM_172323.1](#), [NP_758826.1](#)

RefSeq Size: 2095 bp

RefSeq ORF: 1752 bp

Locus ID: 282821

Cytogenetics: 1q12

Gene Summary: one of three synthases which regulate the biosynthesis of hyaluronan [RGD, Feb 2006]