

Product datasheet for **MC219272**

Has1 (NM_008215) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Has1 (NM_008215) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Has1
Synonyms:	HAS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC219272 representing NM_008215
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGACAGGACATGCCAAAGCCCTCAGAGGCAGCGCGTTGCTGCTCTGGCCTGGCCAGGCGAGCACTCA
 CGATCATCTTTGCCCTGCTCATCTGGGCCTCATGACCTGGGCCTACGCCGAGGCGTTCTCTGGCTTC
 AGATCGCTATGGACTCCTGGCCTTTGGCCTCTATGGGGCATTCCCTCAGCGCACACCTAGTGGCACAGAGC
 CTCTTCGCTTACCTGGAGCACGAAGGGTGGCAGCGGCTGCGCGGCGCTCCTTGGCGAAGGGGCCCTGG
 ATGCGGCCACTGCACGCAGCGTGGCACTCACCATCTCAGCCTACCAAGAGGATCCCGCTTACCTGCGCCA
 GTGCTTGACCTCCGCGCGCGCCTTGTGTACCCGCACACGAGGTTACGCGTGCTCATGGTGGTGGACGGC
 AACCGCGTGAGGATCTGTACATGGTGGACATGTTCCGAGAAGTCTTCGCCGATGAGGACCCCGCCACTT
 ATGTGTGGGATGGCAACTACCATCAGCCCTGGGAACCAGCGGAGGCTACGGGCGCTGTCGGTGAAGTGC
 CTACCGGAGGTTGGAGGCGGAGGACCCGGGCGGTTGGCGGTGGAGGCGCTGGTGAAGAACACGCAGGTGC
 GTGTGCGTGGCTCAGCGTTGGGCGGCAACGTGAGGTCATGTACACAGCTTTCAAGGCACTGGGCGACT
 CCGTGGACTACGTGCAGGTCTGTGACTCAGACACAAGACTAGACCCCATGGCACTGCTGGAGCTTGTGCG
 AGTGTGGATGAAGACCCCGGGTAGGGGCTGTTGGAGGGGATGTGAGGATCCTTAACCCCTGACTCC
 TGGGTCAGCTTCTTGGAGCAGTCTTCGATACTGGGTAGCCTTCAATGTGGAACGAGCTTGTGAGAGCTACT
 TCCACTGTGTCTCCTGCATCAGTGGTCTCTGGGTCTATACAGAAACAATCTCCTGCAGCAGTCTTGGGA
 GGCTGGTACAACAAAAGTTCCCTGGGCACCCACTGCACATTTGGGGATGACAGGCACCTACCAACCGA
 ATGCTTAGCATGGGCTATGCTACCAAGTATACCTCGCGCTCCAGATGCTACTCGGAGACGCCCTCCTCCT
 TCCTTCGTTGGTTGAGCCAACAGACCCGCTGGTCCAAATCTTACTTCCGAGAGTGGCTATAACAATGCTCT
 GTGGTGGCATCGCCACCACGCATGGATGACCTATGAAGCGGTGGTCTCGGGCCTTCCCTTTCTTCGTG
 GCTGCCACGGTGTGAGGCTCTTCTATGCAGGGCGCCCGTGGGCTCTGCTCTGGGTGCTGCTCTGTGTGC
 AGGGCGTAGCACTGGCAAAGGCAGCCTTTCAGCCTGGCTGCGTGGTGCCTGCGCATGGTGTGCTGCTGC
 ACTCTATGCACCACTCTACATGTGCGGCCTCCTGCCTGCCAAATTCCTAGCGTTGGTTACCATGAATCAA
 AGTGGTTGGGGTACCTCGGGCCGAAGAACTGGCTGCTAACTACGTCCCGTGTGGCCCTGGCACTCT
 GGGCTCTACTGCTGCTTGGAGGCTGGCCCGCAGTGTGGCCAGGAGGCCAGAGCTGACTGGAGTGGCCC
 ATCCCAGCAGCTGAAGCCTACCACCTGCTGCTGGGCTGGTGCCTATGTGGCCTACTGGTGGTAATG
 TTAACATCTACTGGTGGTGTGAGGAGGCTGTGCAGACGTCGGAGCGGTGGTACCCTGTCCAAGTAT
 GA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_008215

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_008215.2](#), [NP_032241.1](#)

RefSeq Size: 2107 bp

RefSeq ORF: 1752 bp

Locus ID: 15116

UniProt ID: [Q61647](#)

Cytogenetics: 17 10.53 cM

Gene Summary: Catalyzes the addition of GlcNAc or GlcUA monosaccharides to the nascent hyaluronan polymer. Therefore, it is essential to hyaluronan synthesis a major component of most extracellular matrices that has a structural role in tissues architectures and regulates cell adhesion, migration and differentiation. This is one of the isozymes catalyzing that reaction. Also able to catalyze the synthesis of chito-oligosaccharide depending on the substrate. [UniProtKB/Swiss-Prot Function]