

Product datasheet for **MR217455**

Has3 (NM_008217) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Has3 (NM_008217) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Has3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR217455 representing NM_008217
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGGTGCAGCTGACTACAGCCCTGCGTGTGGTGGCACCAGTCTGTTTGCCTGGTAGTGCTGGGAG
 GCATCCTGGCGGCTATGTGACAGGCTACCAGTTTATCCACACAGAAAAGCACTACTGTCTTTGGCCT
 CTACGGTGCCATCCTGGGTCTACATCTGCTCATCCAGAGCCTGTTTGCCTTCTGGAGCACCGTCAATG
 CGCAGGGCAGGGCGCCCCCTCAAGCTGCACTGCTCCAGAGGCCGCGTTCAGTGGCACTCTGCATTGCTG
 CCTACCAAGAGGACCCGAATACCTGCGCAAGTGCCTTCGCTCAGCTCAGCGCATTGCCTTTCAAACCT
 CAAGGTGGTCATGGTAGTGGATGGCAATCGCCAGGAAGATACCTACATGTTGGACATCTCCATGAGGTG
 CTGGGTGGCACTGAGCAAGCTGGCTTTTGTGTGGCGTAGCAATTTCCATGAGGCGGGTGAAGGAGAGA
 CAGAGGCCAGCCTGCAGGAAGGCATGGAGCGTGTGCGAGCTGTGGTGTGGCCAGCACCTTCTCATGCAT
 CATGCAGAAGTGGGGGGCAAGCGTGAAGTGTACACTGCCTTCAAGGCCCTTGGCAACTCAGTGGAC
 TACATCCAGGTGTGTGACTCTGACACTGTGCTGGACCCAGCCTGCACCATTGAGATGCTTCGAGTCTTGG
 AAGAAGATCCCAAGTAGGAGGTGTTGGAGGAGATGTCCAAATCCTCAACAAGTATGATTATGATGATCTC
 CTTCTGAGCAGTGTGAGGTACTGGATGGCTTTCAACGTGGAGCGGGCCTGCCAGTCTACTTTGGCTGT
 GTGCAATGATTAGTGGGCTTTGGGCATGTACCGCAACAGCCTCCTTCAGCAGTTTCTGGAGGATTGGT
 ACCATCAGAAGTCTTAGGCAGCAAGTGCAGCTTTGGGGATGATCGGCACCTTACCAACCGAGTCTGAG
 TCTTGGCTACCGACTAAGTATACAGCACGCTCTAAGTGCCTCACAGAGACCCCACTAGGTACCTTCGA
 TGGCTCAATCAGCAAACCCGCTGGAGCAAGTCTTACTTTGGGAATGGCTCTACAATCTCTGTGGTTCC
 ATAAGCACCACTCTGGATGACCTATGAATCAGTGGTCAAGTTCCTCCATTCTTCCATTCTCATTGCTAC
 AGTCATACAACCTTTTCTACCGTGGCCGCATCTGGAACATTCTCCTCTTCTGCTAACAGTGCAGCTGGTG
 GGCAATATCAAGGCTACCTATGCCTGCTTCTTCGAGGCAATGCAGAGATGATCTTCATGCTCCCTACT
 CCCTTCTCTATATGTCCAGCCTCTTCCAGCAAGATCTTTGCTATTGCTACCATCAACAAGTCTGGCTG
 GGGCACTTCTGGCAGGAAAACCTTGTGCTGAACCTTATTGGCCTAATCCCGTGTCCATCTGGGTGGCA
 GTTCTTCTAGGGGGTTAGCCTACACAGCTTATTGCCAGGACCTGTTAGTGGAGACCGAGCTAGCCTTCC
 TAGTCTCTGGGGCCATCCTGTATGGCTGCTACTGGGTGGCCCTCCTCATGCTGTATCTGGCCATTATTGC
 CCGGAGGTGTGGGAAGAAGCCAGAACAGTATAGCCTGGCTTTTGGGAGGTG

**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA**

Protein Sequence:

>MR217455 representing NM_008217
 Red=Cloning site Green=Tags(s)

MPVQLTALRVVGTSLFALVVLGGILAAVVTGYQFIHTEKHYLSFGLYGAILGLHLLIQSLFAFLEHRRM
 RRAGRPLKLHCSQRPRVALCIAAYQEDPEYLRKCLRSAQRIAFPNLKVVMVVDGNRQEDTYMLDIFHEV
 LGGTEQAGFFVWRSNFHEAGEGETEASLQEGMERVRAVVWASTFSCIMQKWGGKREVMYTAFAKALGNSVD
 YIQVCDSDTVLDPACTIEMLRVLEEDPQVGGVGGDVQILNKYDSWISFLSSVRYWMAFNVERACQSYFGC
 VQICISGPLGMYRNSLLQQFLEDWYHQKFLGSKCSFGDDRHLTNRVLSLGYRKYTARSKCLTETPTRYLR
 WLNQQTRWSKSYFREWLYNLWFHKHLLWMTYESVVTGFFPFFLIATVIQLFYRGRINWILLFLLTVQLV
 GI IKATYACFLRGAEMIFMSLYSLLYMSSLLPAKIFAIATINKSGWGTSGRKTIVVNFIGLIPVSIWVA
 VLLGGLAYTAYCQDLFSETELAFLVSGAILYGICYWVALLMLYLAIARRCGKKPEQYSLAFAEV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9015_d05.zip

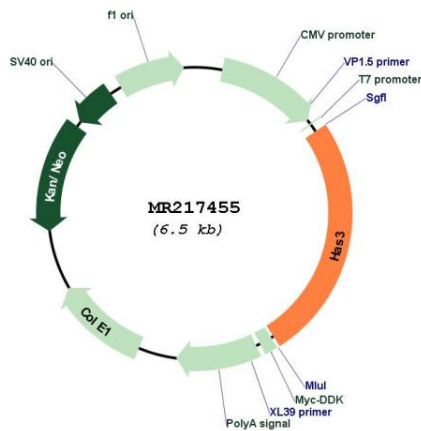
Restriction Sites:

Sgfl-Mlul

RefSeq: [NM_008217.4, NP_032243.2](#)
RefSeq Size: 5912 bp
RefSeq ORF: 1665 bp
Locus ID: 15118
UniProt ID: [O08650](#)
Cytogenetics: 8 53.28 cM
MW: 63.8 kDa

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. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR217455