

Product datasheet for RC205784

HAS3 (NM_138612) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HAS3 (NM_138612) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HAS3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC205784 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGGTGCAGCTGACGACAGCCCTGCGTGTGGTGGCACCAGCCTGTTTGCCTGGCAGTGCTGGGTG
GCATCCTGGCAGCCTATGTGACGGGCTACCAGTTCATCCACACGGAAAAGCACTACCTGTCCTTCGGCCT
GTACGGCGCCATCCTGGGCTGCACCTGCTCATTAGAGCCTTTTGCCTTCTGGAGCACCGGCGCATG
CGACGTGCCGGCCAGGCCCTGAAGCTGCCCTCCCCGGCGGGGCTCGGTGGCACTGTGCATTGCCGCGT
ACCAGGAGGACCCTGACTACTTGCGAAGTGCCCTGCGCTCGGCCAGCGCATCTCCTTCCCTGACCTCAA
GGTGGTCATGGTGGTGGATGGCAACCGCCAGGAGGACGCCTACATGCTGGACATCTCCACGAGGTGCTG
GGCGGCACCGAGCAGGCCGGCTTCTTTGTGTGGCGCAGCAACTTCCATGAGGCAGGCGAGGGTGAGACGG
AGGCCAGCCTGCAGGAGGGCATGGACCGTGTGCGGGATGTGGTGCGGGCCAGCACCTTCTCGTGCATCAT
GCAGAAGTGGGGAGGCAAGCGGAGGTGATGTACACGGCCTTCAAGGCCCTCGGCGATTCCGGTGGACTAC
ATCCAGGTGTGCGACTCTGACACTGTGCTGGATCCAGCCTGCACCATCGAGATGCTTCGAGTCTGGAGG
AGGATCCCAAGTAGGGGAGTCGGGGGAGATGTCCAGCCCCAGGAAAGGTATGGCAGTAGAGGATGA
CCAGGTCCAAGCTGCCAGGTGAGAGCTACGGAAGCATGGTCCGTTACCAACGCCACGTTTCTAGAGAG
CAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_138612.3](#)

RefSeq Size: 1224 bp

RefSeq ORF: 846 bp

Locus ID: 3038

UniProt ID: [O00219](#)

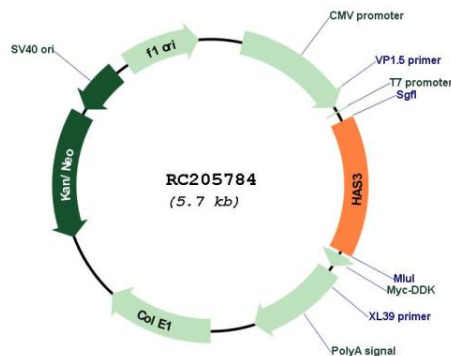
Cytogenetics: 16q22.1

Protein Families: Transmembrane

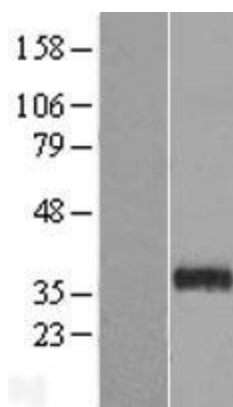
MW: 31.2 kDa

Gene Summary: The protein encoded by this gene is involved in the synthesis of the unbranched glycosaminoglycan hyaluronan, or hyaluronic acid, which is a major constituent of the extracellular matrix. This gene is a member of the NODC/HAS gene family. Compared to the proteins encoded by other members of this gene family, this protein appears to be more of a regulator of hyaluronan synthesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]

Product images:



Circular map for RC205784



Western blot validation of overexpression lysate (Cat# [LY408564]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205784 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).