

## **Product datasheet for RC205784L1**

## HAS3 (NM\_138612) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: HAS3 (NM\_138612) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: HAS3

Mammalian Cell None

Selection:

**Vector:** pLenti-C-Myc-DDK (PS100064)

E. coli Selection: Chloramphenicol (34 ug/mL)

**ORF Nucleotide** 

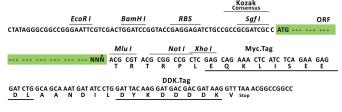
The ORF insert of this clone is exactly the same as(RC205784).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_138612

ORF Size: 843 bp



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## HAS3 (NM\_138612) Human Tagged Lenti ORF Clone - RC205784L1

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**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.

Transmembrane

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: <u>NM 138612.1</u>

 RefSeq Size:
 1224 bp

 RefSeq ORF:
 846 bp

 Locus ID:
 3038

 UniProt ID:
 000219

Cytogenetics: 16q22.1

MW: 31.2 kDa

**Protein Families:** 

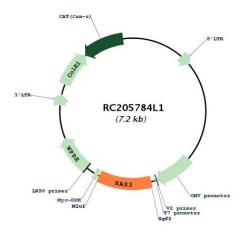
**Gene Summary:** The protein encoded by this gene is involved in the synthesis of the unbranched

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.

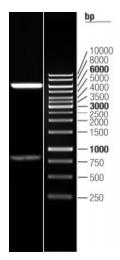
[provided by RefSeq, Dec 2010]



## **Product images:**



Circular map for RC205784L1



Double digestion of RC205784L1 using Sgfl and Mlul  $\,$