

## Product datasheet for **RC203092**

### HHLA3 (NM\_001036646) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HHLA3 (NM_001036646) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HHLA3
Synonyms:	HERV-H LTR-associating 3; human endogenous retrovirus-H long terminal repeat-associating 3; OTTHUMP00000010943
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC203092 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTTTCGGTGCATGTTATAAACAACCACTTAAACCCTCCGGATCTGAGCCTCCCGCAGAGGAATGCAGAA  
TGACGCCACGGCAGCAGGATGTGATGTCACCGAGATGCAGAGGATACTCAGTCAACCAACATTTACTGA  
GCATCTACTTCGTGCCGTATGTCTTGCAACGAAAGGGTCCCTATCCAGACCCCAAGAGAGCATTCTT  
GGATCTTTGCAAGAAAGAATTTGAGGCGAATCCATAGAGTAAGCTTAGTGATGTGTGTCAGACCTCTGA  
GCCAAGCAAAGCCATCATATCCCCTGTGACCTGCATGTATACATCCAGATGGCCTGAAGCAAGTGAAGA  
ATCACAAAAGAAG

ACGCGTACGCGCGCCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC203092 protein sequence Red=Cloning site Green=Tags(s)
	MFGACYKQPLKPSGSEPPAEECRMTPRHAGCDVTEMQRILSQPTFTEHLLRAVCLVNGKGSLSRPQESIL GSLARKNLRIHRVSLVMCVRPLSPSKAIIISPVTMYTSRWPEASEESQKK
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: [https://cdn.origene.com/chromatograms/mk6488\\_g02.zip](https://cdn.origene.com/chromatograms/mk6488_g02.zip)

Restriction Sites: SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NM\_001036646

**ORF Size:** 1449 bp

**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.
  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 Size:** 814 bp

**RefSeq ORF:** 231 bp

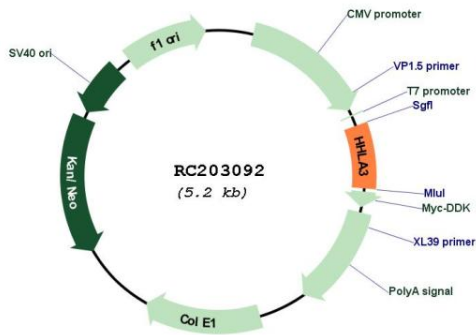
**Locus ID:** 11147

**UniProt ID:** [Q9XRX5](#)

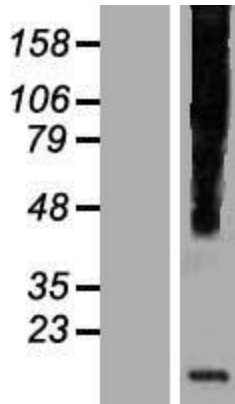
**Cytogenetics:** 1p31.1

**MW:** 13.5 kDa

Product images:



Circular map for RC203092



Western blot validation of overexpression lysate (Cat# [LY416203]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC218069] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).