

Product datasheet for **RC203123**

HTN3 (NM_000200) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: HTN3 (NM_000200) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: HTN3
Synonyms: HIS2; HTN2; HTN5; PB
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC203123 ORF sequence
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTTTTTTGTTTTGCTTTAATCTTGCTCTCATGCTTCCATGACTGGAGCTGATTCACATGCAA
AGAGACATCATGGGTATAAAGAAAATTCCATGAAAAGCATCATTACATCGAGGCTATAGATCAAATTA
TCTGTATGACAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC203123 protein sequence
Red=Cloning site **Green**=Tags(s)

MKFFVFALILALMLSMTGADSHAKRHHGYKRKFHEKHSHRGYRSNYLYDN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6627_g01.zip

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_000200

ORF Size: 153 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: [NM_000200.3](#)

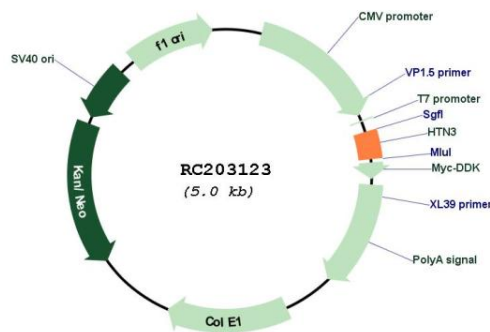
RefSeq Size: 601 bp

RefSeq ORF: 156 bp

Locus ID: 3347
UniProt ID: [P15516](#)
Cytogenetics: 4q13.3
Protein Families: Secreted Protein
MW: 6.1 kDa

Gene Summary: This gene encodes a member of the histatin family of small, histidine-rich, cationic proteins. They function as antimicrobial peptides and are important components of the innate immune system. Histatins are found in saliva and exhibit antibacterial, antifungal activities and function in wound healing. [provided by RefSeq, Sep 2014]

Product images:



Circular map for RC203123