

Product datasheet for SC203598

OriGene Technologies, Inc.

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HNRPM (HNRNPM) (NM_031203) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: HNRPM (HNRNPM) (NM_031203) Human 3' UTR Clone

Symbol: HNRPM

Synonyms: CEAR; hnRNP M; HNRNPM4; HNRPM; HNRPM4; HTGR1; NAGR1

Mammalian Cell

Selection:

Neomycin

Vector: pMirTarget (PS100062)

ACCN: NM_031203

Insert Size: 290 bp

Insert Sequence: >SC203598 3'UTR clone of NM_031203

The sequence shown below is from the reference sequence of NM_031203. The complete

sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG

TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC

ATTGACGTTCGAATTGATAGAAACGCTTAAGCAGTTGCCTTTTTTAAACATCGATACGAGACCTCTGAA
TTTGTATTTTTCTTGTTAACCATTTTAATTTGTTGGCTGGATGTATAAAGATGTTTAAAAAAATTCAGT
TGCTTTTTGGGGTAATTTGAATTACTTTTTTAATGACTGGGGTTCCATTTGACTGTTTGCATTGAGATT
GCAATGTGCGCAATTTTTTTTTGTAGTTGTGGCATCTTGTTGACATCGAATATGACTTTGATAAAAAA

CCGGTTCCTGAAAA

CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a

point of reference. Note that the complete sequence of this clone is largely the same as the

reference sequence but may contain minor differences, e.g., single nucleotide

polymorphisms (SNPs).

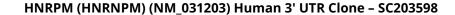
Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The

package also includes 100 pmols of both the corresponding 5' and 3' vector primers in

separate vials.

RefSeq: <u>NM 031203.4</u>





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Summary:

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNAs. This protein also constitutes a monomer of the N-acetylglucosamine-specific receptor which is postulated to trigger selective recycling of immature GlcNAc-bearing thyroglobulin molecules. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]

Locus ID: 4670

MW: 11.1