

Product datasheet for **SC202773**

MR1 (NM_001531) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MR1 (NM_001531) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MR1
Synonyms:	HLALS
ACCN:	NM_001531
Insert Size:	2000 bp



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Insert Sequence: >SC202773 3'UTR clone of NM_001531
 The sequence shown below is from the reference sequence of NM_001531. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCATCTACCTTCCAACACCAGATCGATGATTGCAGATCCCTCTTTTCCAGTTCTCCTTCTAGGAG
CCATGTTATCCTCTGTCCCCATAGAGTCAAGCCTAGTGCTTGAAGGTCCTGACGACACCCACAACATA
CATGAGAGTAATGGGATTGAGCATTATGGCAGCAACAGAGGAGCCACAAAATGTTCTTTGTTCTTTGG
CTCCAAAAGACTGTCAGCTTTTCACTCTTTTGTGACTGTTTTATCAGAGTTGACTTTAAATACAG
CTTGTCTCATGACACAACGCTTCCCTACATTCTATTTGTCAATGATGATTTGCAACTAGTTGGAGATTC
TCAGAGCAGGAAGGAATCTTTTCAACCAGAGCAGGAAGTCTTCTGCAATGCCTGGACTTGAGCCTC
CAGCCTCCACTTGAACACCATGTGAAGGGAACCTCAGTACTTCATAAAATGGCCTTTCTCATTATCTT
TCATGGGAACATTTATTGTACAAGCGCTTGAATATCATGGGCACCATGACTGTGACCCTACAGGTAGG
ATTGGATCACTCCATGAGAGTAGCCGGCAGGTTTCTACAATGGCCTGGGAATGGACTGATTATTTTAT
ACATTTTCTGGCCTGAGAGAAAGCCAAAGTCCCTGCTGTTTACAGCAACCTGCCTGGGAGCTTGAA
TCTTGGTAATCTGCCCGTTGGATCTATGGAGGTAGTCTCACCTTTTTGTCTTTTGTGGGAAATTAAG
AGAAATAATTATCAGACATATCATCACCTCCAGTGGAACTACAGAGACCTGGACCCAGCTGCACTATTT
TAATGTAAAAATAACAGTATGGCCAGGTGCAGTGGCTCACGCCTGTAATCCCACACTTTGAGCAGCCA
AGGCGGGCGGATCAGGAGTCAAGACCATCCTGGCCAATATGGTGAACCCGTCTCTACT
AAAATACAAAAAATTAGCTGGGCATGGTGTGCGTGCCTGTAGTCCCAGTACTTGGGAGGCTGAGACA
GGGAATTGCTTGAACCCGGGAGGCAGAGATTGCAGTGCAGCCAGATCACGCCACTGCCTCCAGCCTG
GGCAGAGTGAGACTCTATCTCAAAATAATAATAATAATAATAATAATAATAATAATAATAACAG
TATATTTGGTGTGAGGAGGGCTCAATTCTCATTCTGCCTTCTGCTGGCTCATGGTAGCTGGG
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GAATGAACATCCCCTAATGTTCTTACTATCCCCAACCCCTGAGGCCTCACCTACTGCCCTGCCATGT
GGAGCTACTTGCCTGGGCTGCCAGTACACATTCTCGGTCTACTTCTGACCCCGTTTGACTCT
GCACCTGAGCCCTAATGCTTACTTCAGTACCTGAACTTTGACAAGTGGCTTTTGCCTGCACCTCAGG
TTTGACCTCTGCTCTCCCTTACCTTACTGTGACATTTGACCTTTGGCTTAAATCATTACAGCCTCAG
ATAAAGGTACCTCAGCCGGGCACAGTGGCTCACGCCTGTAATCCTAGCACTTTGGGAGGCTGAGGCA
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ATACAAATAAATTAGCTGGGCATGGTGGCATGTGCCTATAGTCCCAGTACTTGGGAGGCTAAGGCAGGA
GAATCACTTGAATCTATAAGGCAGAGGTGGCAGTGCAGCCGAGATCACACCACTGCCTCCAGCCTGGGC
AACGGAGCAAGACTCTGTCTCCAAAAAAGAAAGATACCCTCAGTGTGCCAGGCCTAAGAGCT
CACCTGCCAGGCTTCTCCTTGTCCACTGTCCCATGTAATTCATATATGAAGTACCCTGTACAT
ACGCGTAAAGCGGCCGGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

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: [NM_001531.3](#)

Summary:

MAIT (mucosal-associated invariant T-cells) lymphocytes represent a small population of T-cells primarily found in the gut. The protein encoded by this gene is an antigen-presenting molecule that presents metabolites of microbial vitamin B to MAITs. This presentation may activate the MAITs to regulate the amounts of specific types of bacteria in the gut. Several transcript variants encoding different isoforms have been found for this gene, and a pseudogene of it has been detected about 36 kbp upstream on the same chromosome. [provided by RefSeq, Jul 2015]

Locus ID:

3140

MW:

76.3