

Product datasheet for **SC209017**

Mannose Receptor (MRC1) (NM_002438) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Mannose Receptor (MRC1) (NM_002438) Human 3' UTR Clone
Symbol:	Mannose Receptor
Synonyms:	bA541119.1; CD206; CLEC13D; CLEC13DL; hMR; MMR; MRC1L1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002438
Insert Size:	729 bp
Insert Sequence:	>SC209017 3'UTR clone of NM_002438 The sequence shown below is from the reference sequence of NM_002438. 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
ATTGAACAGAATGAACACTCGGTCATCTAGTACCTCAATGCGATTCTGAGATATTTGAATTCATAAAA
TTGTAACAGAAATTTAAATTTTTAGTTCAATGTGATTGTTTTCTTTAAATGAGTACTGAATTGTACT
GGTCTGCTCTTTTTCTTTGCCTAATTGAAGAAATAATTGCTTGTCTTCTAGCCTGGCAAGATATTTT
CATAAAAGAGGGATAACAATGCTGATTACTACCTTTTAAATATTTTAGATAAATGCACAGCACACAG
CACCACATCTAAGCATTAGTGATGGTAGCTGATGTCAGCTTCATGTGGATTTTAAAGCACTCTAGAAC
AATGAAGCTTCTTGGCATATTTAAGGAGCTCCCAAAATGTGTTACCTATTAATTTGTAACCTCAGCAAG
TAGAAGACCATTTGAAAAGTCAGGTACAAATTTCTCAAGTGGCATAAAAATGTAGTCAGTTTTCTCTT
TTACCAGTTTTTATTTCCACTCCAATTATTTAGAACTTTATTTGTACATGTGCAGAAGAATAAGGCAGC
TGAGAATCTTGTTCCTCCCAAGAGAGTTTTACAGGCTGAGTGTGCAAAATGTGTTCTTTGCTCTGTAT
ATGTATATCAGGAATAACAAGGATGTGAAATAAACTGTAATTTGCATAACTGGATGTACTTAGATAAT
GTGAAATAAACATTAAGACAAGGTCTATTTTTAATAGA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites:	Sgfl-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).



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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_002438.4</u>
Summary:	The recognition of complex carbohydrate structures on glycoproteins is an important part of several biological processes, including cell-cell recognition, serum glycoprotein turnover, and neutralization of pathogens. The protein encoded by this gene is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages. The protein has been shown to bind high-mannose structures on the surface of potentially pathogenic viruses, bacteria, and fungi so that they can be neutralized by phagocytic engulfment.[provided by RefSeq, Sep 2015]
Locus ID:	4360
MW:	28.3