

Product datasheet for **SC209346**

Mannosidase II (MAN2A1) (NM_002372) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Mannosidase II (MAN2A1) (NM_002372) Human 3' UTR Clone
Symbol:	Mannosidase II
Synonyms:	AMan II; GOLIM7; MANA2; MANII
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002372
Insert Size:	2000 bp



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Insert Sequence: >SC209346 3'UTR clone of NM_002372
 The sequence shown below is from the reference sequence of NM_002372. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATCAGCACATTCCGAATCCAGTTGAGGTGAACCTGACTTTCACATTTGGATTGAGAATCATTGGCTTTT
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AATTCTGTGATTCTGTGGGTTTTTTCTTTTTTTTACCAGTACAGTAAGAAAAAAAAAAAAAAAAAAAA
AAAGCCATGCTATCAATCAAGATTCTTTTTTTTTAAACTTTCTCCCATGAACTACCACCATCAGTATGA
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ACTAATTATGTCTGTGTTGGGGTTGCGAAGAGATTCTTAAAAGTATCTGTGTGTGATCATCAGTTTT
ACAAAAACACCTATTTGGCTGAAATGGAATAAAATGTTTGTGGGTAAGCTAATGGCCAAATGGTTG
CAATCATTCACTAGTTAGAAAAATTATGTGTTGAAATAAGTGGAAAAGTGCAATCCATCCACCCTTA
TGATTAACGTAGATGATTTTTATACCTTTTTCTGATGTACCTCTTGACCTTCTCCTTCCCTTCTACCC
TTTCTAAGTATTTCCAGAAATACCTGATTTTGAATCATTCAACAGTAGAAAAAGAGGCATATTTTCATT
ACTTGACAATGTGGGATGGGTGCAATTTATTCCATCTTCACTAAAATAGAAGCAATTCATAGGTACCA
TAAACCTATTTTAGTACCACAAGGTGTCTTTTACACAGCTCATTGAAACAGGTGTTCTGAGAAGG
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TCAACTTTTGTATGTGCTAACCTTAAAGTGAAGTTCTGAGCCCGTGCCATTACAGTGCTTTTAAATA
AATTTATTTGGGATTATGTTTCCTTAAACATTAATAAATAGCGACATTTAGACTATGCAATTTTAGCA
TAGAAAGGAGTCTTTGAGTATGTACAGTTTGAATTTCTTTGAGATAATTGATTTTCATATTCTGTG
GCTTTCAACCTCCATTTACCTCTTGTCAATCCAACATCTTTATAGAGAAAATAAAACCAATTTCTCTT
TCACCATTTAGTTGATTATCATCTGGATTTTCACTCAAGATGCAGCTCCTAAGATTATTGTTATGTTA
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GTAATTTTCATGCAATAAACATGTACCGTAAGTTTTCTTCCACATATTTTGGGAAAAAACTAAAAAAGA
AAAAGGACTTCCTTTTTGTGGACATCTACAGATGTTAGGGTTGCCAGAAGCAATCCCAGGAATGAGAT
CAGTATTTTCATTGCATCTTAAATGTATAACCTTCTGTGGGAGTTGAGTTTGTCTGTGGTTAAGTGGG
TGTGCTAATCATTCTCGAAATGTGATCAGATGAAATAAAAAAAAAATCTTGATGCAATAACAGTGG
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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: [NM_002372.4](#)

Summary: This gene encodes a glycosyl hydrolase that localizes to the Golgi and catalyzes the final hydrolytic step in the asparagine-linked oligosaccharide (N-glycan) maturation pathway. Mutations in the mouse homolog of this gene have been shown to cause a systemic autoimmune disease similar to human systemic lupus erythematosus. [provided by RefSeq, Dec 2013]

Locus ID: 4124

MW: 77.1