

Product datasheet for **SC216219**

alpha 1,2 Mannosidase IA (MAN1A1) (NM_005907) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	alpha 1,2 Mannosidase IA (MAN1A1) (NM_005907) Human 3' UTR Clone
Symbol:	alpha 1,2 Mannosidase IA
Synonyms:	HUMM3; HUMM9; MAN9
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005907
Insert Size:	2000 bp



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Insert Sequence: >SC216219 3'UTR clone of NM_005907
 The sequence shown below is from the reference sequence of NM_005907. 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
AAAAAGGAAGTTGAAATCAGAGAGGAATAAAAAGACATTTTATATTTTATTCTGCTCCATCCCTTAC
TGTATACCTTAATAATTCTTTTCTGGTAATCAGGCACATGATGAACTTTGATTAGTAGGTCTGTGATT
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CATATCCTTTATTAATTCAGCCAGTGTATCCACCAGTTTTTTGTTTATGTTTTAAGTAACCTATTATC
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CATGTCATGTTGACCTCATTTCATCGGAACTGCAGTATATTTTTGTTGGTTAATTATATTAGTGTTC
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AGTCTGGAGTAAATCAAATCAATATATGATTCTTTAAACATTAAGTTTGAATAGGAATGGTTTTTC
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CCCTTTGTTCCAGGACTTTAAGGCAAAATATTAATAAATTTAGCCAAAATTAAGAATATAATGTTTGT
ATAAATGTCCTTGAATTTGCCATTTAAATTAACCTATTTCTTTTCACTTTGATTTGAAAGCTGATAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_005907.4](#)

Summary: This gene encodes a class I mammalian Golgi 1,2-mannosidase which is a type II transmembrane protein. This protein catalyzes the hydrolysis of three terminal mannose residues from peptide-bound Man(9)-GlcNAc(2) oligosaccharides and belongs to family 47 of glycosyl hydrolases. [provided by RefSeq, Jul 2012]

Locus ID: 4121

MW: 78.9