

Product datasheet for **SC207582**

beta 2 Microglobulin (B2M) (NM_004048) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	beta 2 Microglobulin (B2M) (NM_004048) Human 3' UTR Clone
Symbol:	beta 2 Microglobulin
Synonyms:	IMD43
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004048
Insert Size:	583 bp
Insert Sequence:	>SC207582 3'UTR clone of NM_004048 The sequence shown below is from the reference sequence of NM_004048. 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
AAGATAGTTAAGTGGATCGAGACATGTAAGCAGCATCATGGAGTTTGAAGATGCCGCATTTGGATTG
GATGAATCCAAATTCTGCTTGCTTGTCTTTTAAATATTGATATGCTTATACACTTACACTTTATGCACA
AAATGTAGGGTTATAATAATGTTAACATGGACATGATCTTCTTTATAATTCTACTTTGAGTGCTGTCTC
CATGTTTGATGTATCTGAGCAGTTGCTCCACAGGTAGCTCTAGGAGGGCTGGCAACTTAGAGGTGGGG
AGCAGAGAATTCTTATCCAACATCAACATCTTGGTCAGATTTGAACTCTTCAATCTCTTGCACCTCAA
AGCTTGTTAAGATAGTTAAGCGTGCATAAGTTAACTTCCAATTTACATACTCTGCTTAGAATTTGGGGG
AAAATTTAGAAATATAATTGACAGGATTATTGGAAATTTGTTATAATGAATGAAACATTTTGTCATATA
AGATTCATATTTACTTCTTATACATTTGATAAAGTAAGGCATGGTTGTGGTTAATCTGGTTTATTTTTG
TTCCACAAGTTAAATAAATCATAAACTTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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:	NM_004048.4
Summary:	This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. The encoded antimicrobial protein displays antibacterial activity in amniotic fluid. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia.[provided by RefSeq, Aug 2014]
Locus ID:	567
MW:	22.5