

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
Vector: pMirTarget (PS100062)
Symbol: B2M
Synonyms: IMD43
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
AAGATAGTTAAGTGGGATCGAGACATGTAAAGCAGCATCATGGAGTTTGAAGATGCCGATTGGATTG
GATGAATCCAAATTCTGCTTGCTTGTCTTTTAAATATTGATATGCTTATACACTTACACTTTATGCACA
AAATGTAGGGTTATAATAATGTTAACATGGACATGATCTCTTTTATAATTCTACTTTGAGTGCTGTCTC
CATGTTTGATGTATCTGAGCAGGTTGCTCCACAGGTAGCTCTAGGAGGGCTGGCAACTTAGAGGTGGGG
AGCAGAGAATTCTCTTATCCAACATCAACATCTTGGTCAGATTTGAACTCTTCAATCTCTTGCACTCAA
AGCTTGTTAAGATAGTTAAGCGTGCATAAGTTAACTTCCAATTTACATACTCTGCTTAGAATTTGGGGG
AAAATTTAGAAATATAATTGACAGGATTATTGAAATTTGTTATAATGAATGAAACATTTTGTGCATATA
AGATTCATATTTACTTCTTATACATTTGATAAAGTAAGGCATGGTTGGTTAATCTGGTTATTTTTG
TTCCACAAGTTAAATAAATCATAAACTTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).

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.



[View online »](#)

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