

Product datasheet for **SC204424**

HLA DMB (HLA-DMB) (NM_002118) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HLA DMB (HLA-DMB) (NM_002118) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: HLA-DMB
Synonyms: D6S221E; RING7
ACCN: NM_002118
Insert Size: 365 bp
Insert Sequence: >SC204424 3'UTR clone of NM_002118
The sequence shown below is from the reference sequence of NM_002118. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AATTATTCAGAAGGATGGCACATTTCCTAGAGGCAGAATCCTACAACCTCCACTCCAAGTGAGAAGGAG
ATTCAAACTCAATGATGCTACCATGCCTCTCCAACATCTTCAACCCCTGACATTATCTTGATCCTAT
GGTTTCTCCATCCAATTCTTTGAATTTCCAGTCTCCCTATGTAAAACCTAGCAACTTGGGGACCTC
ATTCTGGGACTATGCTGTAACCAAATTATTGTCCAAGGTATATTTCTGGGATGAATATAATCTGAGG
AAGGGAGTTAAAGACCCTCTGGGGCTCTCAGTGTGCCATAGAGGACAGCAACTGGTGATTGTTTCAGA
GAAATAAACTTTGGTGAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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.

RefSeq: [NM_002118.5](#)



[View online »](#)

Summary:

HLA-DMB belongs to the HLA class II beta chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DMA) and a beta (DMB) chain, both anchored in the membrane. It is located in intracellular vesicles. DM plays a central role in the peptide loading of MHC class II molecules by helping to release the CLIP (class II-associated invariant chain peptide) molecule from the peptide binding site. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The beta chain is approximately 26-28 kDa and its gene contains 6 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and exon 5 encodes the cytoplasmic tail. [provided by RefSeq, Jul 2008]

Locus ID:

3109

MW:

13.7