

HLA class II histocompatibility antigen, DM beta chain (HLA-DMB) Recombinant Protein | HLA-DMB recombinant protein

Recombinant Human HLA class II histocompatibility antigen, DM beta chain (HLA-DMB), partial

CATALOG # AAA114966	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

HLA class II histocompatibility antigen; DM beta chain (HLA-DMB); Recombinant Human HLA class II histocompatibility antigen; partial; HLA-DMB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	19-218aa, Partial
Sequence	GGFVAHVEST CLLDDAGTPK DFTYCISFNK DLLTCWDPEE NKMAPCEFGV LNSLANVLSQ HLNQKDTLMQ RLRNGLQNCA THTQPFWGS L TNRTRPPSVQ VAKTTPFNTR EPVMLACYVW GFYPAEVTIT WRKNGKLVMP HSSAHKTAQP NGDWTYQTLS HLALTPSYGD TYTCVVEHIG APEPILRDWT PGLSPMQTLK
Sequence Length	263
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for HLA-DMB recombinant protein	Plays a critical role in catalyzing the release of class II-associated invariant chain peptide (CLIP) from newly synthesized MHC class II molecules and freeing the peptide binding site for acquisition of antigenic peptides. In B-cells, the interaction between HLA-DM and MHC class II molecules is regulated by HLA-DO.
Product Categories/Family for HLA-DMB recombinant protein	Immunology
References	"Genomic organization of HLA-DMA and HLA-DMB. Comparison of the gene organization of all six class II families in the human major histocompatibility complex." Radley E., Alderton R.P., Kelly A., Trowsdale J., Beck S. J. Biol. Chem. 269:18834-18838(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	301129275
NCBI GeneID	3109
NCBI Accession #	NP_002109.2
NCBI GenBank Nucleotide #	NM_002118.4
UniProt Accession #	P28068 ; O77936 ; Q13012 ; Q29751 ; Q58ZE2 ; Q5SNZ8 ; Q5STC4 ; Q9XRX2
Molecular Weight	26.4 kDa

NCBI Official Full Name	HLA class II histocompatibility antigen, DM beta chain
NCBI Official Synonym Full Names	major histocompatibility complex, class II, DM beta
NCBI Official Symbol	HLA-DMB
NCBI Official Synonym Symbols	RING7; D6S221E
NCBI Protein Information	HLA class II histocompatibility antigen, DM beta chain
UniProt Protein Name	HLA class II histocompatibility antigen, DM beta chain
UniProt Gene Name	HLA-DMB
UniProt Synonym Gene Names	DMB; RING7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hla-dmb-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114966>