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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HLA-DMA (Human) Recombinant Protein (P01)

Catalog Number: H00003108-P01

Regulation Status: For research use only (RUO)

Product Description: Human HLA-DMA full-length ORF (AAH11447, 1 a.a. - 261 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MGHEQNQGAALLQMLPLLWLLPHSWAVPEAPTPMW  
PDDLQNHTFLHTVYCQDGSPSVGLSEAYDEDQLFFFD  
FSQNTRVPRLPEFADWAQEQGDAPAILFDKEFCEWMI  
QQIGPKLDGKIPVSRGFPIAEVFTLKPFLGKPNLTVCF  
VSNLFPMLTVNWQHHSVPVEGFGPTFVSAVDGLSF  
QAFSYLNFTPEPSDIFSCIVTHEIDRYTAIAYWVPRNAL  
PSDLENVLCGVAFLGLGVLGIIVGIVLIYFRKPCSGD
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 54.45

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3108

Gene Symbol: HLA-DMA

Gene Alias: D6S222E, DMA, HLADM, RING6

Gene Summary: HLA-DMA belongs to the HLA class II

alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DMA) and a beta chain (DMB), 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 molecule from the peptide binding site. Class II molecules are expressed in antigen presenting cells (APC: B lymphocytes, dendritic cells, macrophages). The alpha chain is approximately 33-35 kDa and its gene contains 5 exons. Exon one encodes the leader peptide, exons 2 and 3 encode the two extracellular domains, exon 4 encodes the transmembrane domain and the cytoplasmic tail. [provided by RefSeq]