

Human HLA-DRA*01:01&HLA-DRB1*04:05&Hemagglutinin (PKYVKQNTLKLAT) Monomer Protein



Cat. No. MHC-HM102

Description

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|-------------------------|---|
| Source | Recombinant Human HLA-DRA*01:01&HLA-DRB1*04:05&Hemagglutinin (PKYVKQNTLKLAT) Monomer Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ile26-Glu216 (HLA-DRA*01:01), Gly30-Lys227 (HLA-DRB1*04:05) and PKYVKQNTLKLAT peptide. |
| Accession | AAA36275.1(HLA-DRA*01:01)&ABC66199.1(HLA-DRB1*04:05)&PKYVKQNTLKLAT |
| Molecular Weight | The protein has a predicted MW of 29.50 kDa (HLA-DRA*01:01) and 30.30 kDa (HLA-DRB1*04:05). Due to glycosylation, the protein migrates to 35-45 kDa based on Tris-Bis PAGE result. |
| Endotoxin | Less than 1EU per µg by the LAL method. |
| Purity | > 95% as determined by Tris-Bis PAGE |

Formulation and Storage

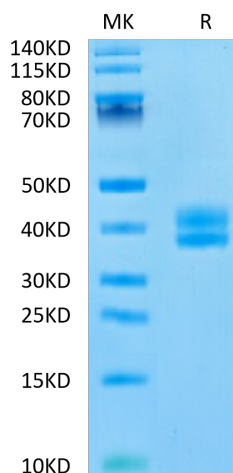
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|--------------------|--|
| Formulation | Supplied as 0.22µm filtered solution in PBS (pH 7.4). |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

Background

Influenza is an acute viral respiratory infection that causes significant morbidity and mortality worldwide. Three types of influenza cause disease in humans. Influenza A is the type most responsible for causing pandemics because of its high susceptibility to antigenic variation

Assay Data

Tris-Bis PAGE



Human HLA-DRA*01:01&HLA-DRB1*04:05&Hemagglutinin (PKYVKQNTLKLAT) Monomer on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.