Human HLA-DRA*01:01&HLA-DRB1*15:01&Hemagglutinin (PKYVKQNTLKLAT) Monomer Protein

Cat. No. MHC-HM101

Description

Source	Recombinant Human HLA-DRA*01:01&HLA-DRB1*15:01&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*15:01) and PKYVKQNTLKLAT peptide.
Accession	AAA36275.1(HLA-DRA*01:01)&P01911(HLA-DRB1*15:01)&PKYVKQNTLKLAT
Molecular Weight	The protein has a predicted MW of 29.50 kDa (HLA-DRA*01:01) and 30.20 kDa (HLA-DRB1*15:01). Due to glycosylation, the protein migrates to 35-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

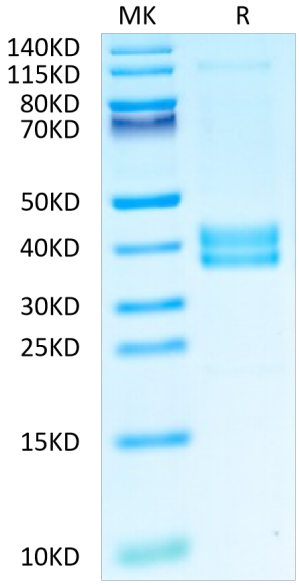
Formulation	Supplied as 0.22μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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

Bis-Tris PAGE



Human HLA-DRA*01:01&HLA-DRB1*15:01&Hemagglutinin (PKYVKQNTLKLAT) Monomer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Human HLA-DRA*01:01&HLA-DRB1*15:01&Hemagglutinin (PKYVKQNTLKLAT) Monomer Protein

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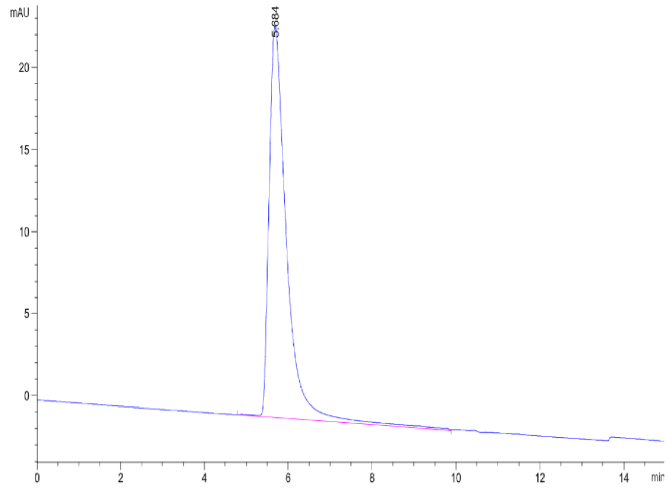
Assay Data



The purity of Human HLA-DRA*01:01&HLA-DRB1*15:01&Hemagglutinin (PKYVKQNTLKLAT) Monomer is greater than 95% as determined by SEC-HPLC.