Human Peptide Ready HLA-A*03:01&B2M Monomer Protein, Ultra Low Endotoxin

Catalog # HLAA0301-HP004 Form: Lyophilized

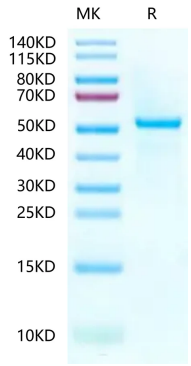
Product Details

Product description	Recombinant Human Peptide Ready HLA-A*03:01&B2M Monomer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Gly25-Thr305(HLA-A*03:01) and Ile21-Met119(B2M) (accession: NP_002107.3(HLA-A*03:01) & P61769(B2M)).
Molecular aliases	MHC; HLA-A*03:01; Peptide Ready
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 48.40 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Purity	> 90% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in PBS, 100mM L-Arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human Peptide Ready HLA-A*03:01&B2M Monomer on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.