Biotinylated Human Peptide Ready HLA-B*27:05&B2M Monomer Protein

Catalog # HLAB2705-HB001 Form: Lyophilized

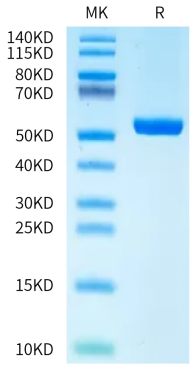
Product Details

Product description	Recombinant Biotinylated Human Peptide Ready HLA-B*27:05&B2M Monomer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Gly25-Thr305 (HLA-B*27:05) and Ile21-Met119 (B2M) (accession: AAA36221.1(HLA-B*27:05) & P61769(B2M)).
Molecular aliases	MHC; HLA-B*27:05; Peptide Ready
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 48.8 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in PBS, 200mM 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

Biotinylated Human Peptide Ready HLA-B*27:05&B2M Monomer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.