# Biotinylated Human HLA-B*27:05&B2M&YEIH (LRVMMLAPF) Monomer Protein

Catalog # HLA-HB002 Form: Lyophilized

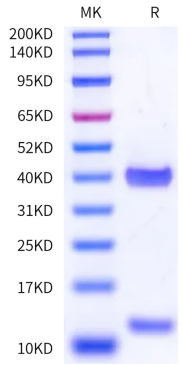
## Product Details

| | |
|---|---|
| **Product description** | Recombinant Biotinylated Human HLA-B*27:05&B2M&YEIH (LRVMMLAPF) Monomer Protein is expressed in E. coli with a His tag and Avi tag at the C-terminus. It contains amino acid residues Gly25-Val309(HLA-B*27:05), Ile21-Met119(B2M) and LRVMMLAPF peptide (accession: AAA36221.1(HLA-B*27:05) & P61769(B2M) &LRVMMLAPF). |
| **Molecular aliases** | yeiH; b2158; JW2145; |
| **Expression system** | E. coli |
| **Molecular weight** | The protein has a predicted MW of 36.08 kDa (HLA-B*27:05) and 11.9 kDa (B2M) same as Bis-Tris 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 20mM Tris, 200mM NaCl (pH 8.0). 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. |

## Protein Integrity

### Bis-Tris PAGE

Representative product-page data




**Reported result**

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