Biotinylated Human HLA-E*01:03&B2M&Peptide (VMAPRTLVL) Monomer Protein

Catalog # HLAE0103-HB001 Form: Lyophilized

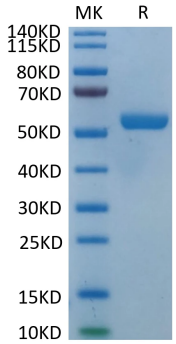
Product Details

Product description	Recombinant Biotinylated Human HLA-E*01:03&B2M&Peptide (VMAPRTLVL) Monomer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains Gly22-Thr302(HLA-E*01:03), Ile21-Met119(B2M) and VMAPRTLVL peptide (accession: P13747(HLA-E*01:03) & P61769(B2M) &VMAPRTLVL).
Molecular aliases	HLAE; sHLA-E; HLAE; MHC class I antigen E; MHC HLA-E alpha-1; MHC HLA-E alpha-2.1; MHC; QA1
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 50.2 kDa. Due to glycosylation, the protein migrates to 52-60 kDa based on 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 0.22μm filtered solution in PBS (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 HLA-E*01:03&B2M&Peptide (VMAPRTLVL) Monomer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.