Human HLA-E*01:03&B2M&Peptide (VMAPKTLVL) Monomer Negative Control Protein

Catalog # HLAE0103-HP003 Form: Lyophilized

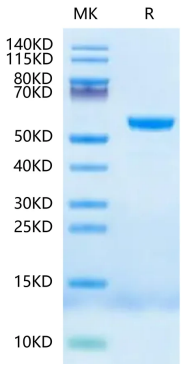
Product Details

Product description	Recombinant Human HLA-E*01:03&B2M&Peptide (VMAPKTLVL) Monomer Negative Control Protein is expressed from HEK293 with His tag and Avi at the C-terminus. It contains Gly22-Thr302(HLA-E*01:03), Ile21-Met119(B2M) and VMAPKTLVL peptide (accession: P13747(HLA-E*01:03) & P61769(B2M) &VMAPKTLVL).
Molecular aliases	HLAE; sHLA-E; HLAE; MHC class I antigen E; MHC; QA1
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 50.2 kDa. Due to glycosylation, the protein migrates to 52-62 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 0.22 μm 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.

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human HLA-E*01:03&B2M&Peptide (VMAPKTLVL) Monomer Negative Control on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.