Mouse H-2K(b)&B2M&OVA (SIINFEKL) Monomer Protein, Ultra Low Endotoxin

Catalog # H2KB-HP002 Form: Lyophilized

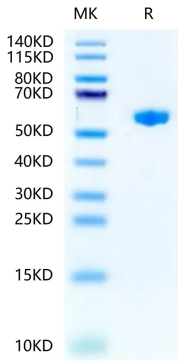
Product Details

Product description	Recombinant Mouse H-2K(b)&B2M&OVA (SIINFEKL) Monomer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. It contains His24-Pro297 (H-2K(b)), Ile21-Met119(B2M) and SIINFEKL peptide (accession: P01901(H-2K(b)) & P01887(B2M) &SIINFEKL).
Molecular aliases	H-2K; OVA; MHC; H2-K1;
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 50.20 kDa. Due to glycosylation, the protein migrates to 52-70 kDa based on Bis-Tris PAGE result.
Purity	> 95% 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 0.22μm 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.

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Mouse H-2K (b) &B2M&OVA (SIINFEKL) Monomer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.