

Cat. No. MHC-HE465B

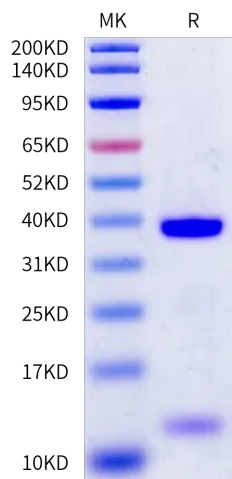
Description	
Source	Recombinant Biotinylated Human HLA-A*01:01&B2M&CT83 (NTDNNLAVY) Monomer Protein is expressed from E.coli with His tag and Avi Tag at the C-terminus. It contains Gly25-Thr305(HLA-A*01:01), Ile21-Met119(B2M) and NTDNNLAVY peptide.
Accession	Q5SUL5(HLA-A*01:01)&P61769(B2M)&NTDNNLAVY
Molecular Weight	The protein has a predicted MW of 35.84 kDa (HLA-A*01:01) and 11.9 kDa (B2M) same as Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage	
Formulation	Supplied as 0.22 µm filtered solution in 20mM Tris, 200mM NaCl (pH 8.0).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Background**  
Cancer/testis antigens 83 (CT83), also called KK-LC-1 or CXorf61, recognized by cytotoxic T lymphocytes (CTL), has become a promising target for immunotherapy.

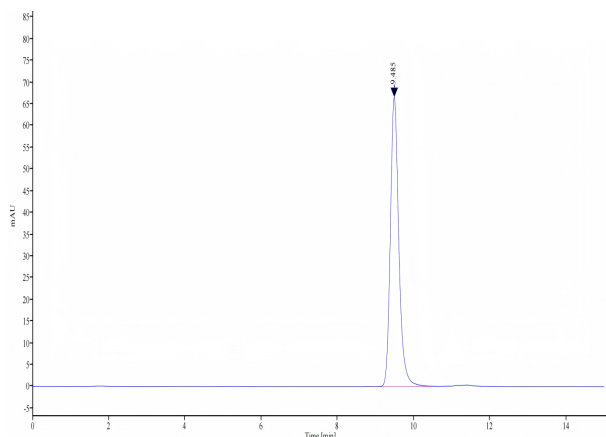
**Assay Data**

**Bis-Tris PAGE**



Biotinylated Human HLA-A\*01:01&B2M&CT83 (NTDNNLAVY) Monomer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

**SEC-HPLC**



The purity of Biotinylated Human HLA-A\*01:01&B2M&CT83 (NTDNNLAVY) Monomer is greater than 95% as determined by SEC-HPLC.