Biotinylated Human HLA-A*02:01&B2M&GP100 (YLEPGPVTA) Monomer Protein

Catalog # GP100-HB003

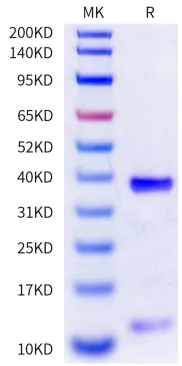
Product Details

Product description	Recombinant Biotinylated Human HLA-A*02:01&B2M&GP100 (YLEPGPVTA) Monomer Protein is expressed from E.coli with His tag and Avi tag at the C-terminus. It contains Gly25-Thr305(HLA-A*02:01), Ile21-Met119(B2M) and YLEPGPVTA peptide (accession: A0A140T913(HLA-A*02:01) & P61769(B2M) &YLEPGPVTA).
Molecular aliases	HLA0201; MHC I; gp100; Glycoprotein 100; ME20-M; P100
Expression system	E. coli
Molecular weight	The protein has a predicted MW of 35.6 kDa (HLA-A*02:01) 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	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.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Biotinylated Human HLA-A*02:01&B2M&GP100 (YLEPGPVTA) Monomer on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.