Human HLA-A*02:01&B2M&CMV pp65 (NLVPMVATV) Tetramer Protein

Catalog # CMVPP65-HP004

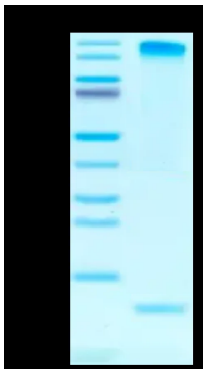
Product Details

Product description	Recombinant Human HLA-A*02:01&B2M&CMV pp65 (NLVPMVATV) Tetramer Protein is expressed from E.coli with His tag and Avi tag at the C-terminus, tetramer is assembled by biotinylated monomer and streptavidin. It contains Gly25-Thr305 (HLA-A*02:01), Ile21-Met119 (B2M) and NLVPMVATV peptide (accession: A0A140T913(HLA-A*02:01) & P61769(B2M) &NLVPMVATV).
Molecular aliases	CMVpp65; NLVPMVATV
Expression system	E. coli
Molecular weight	The protein has a predicted MW of 258 kDa. The protein migrates to 120-180 kDa (HLA-A*02:01&streptavidin tetramer) and 11.9 kDa (B2M) based on Bis-Tris PAGE result under Non reduced (N) condition.
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 PBS (pH 7.4).
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.

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human HLA-A*02:01&B2M&CMV pp65 (NLVPMVATV) Tetramer on Bis-Tris PAGE under Non reduced (N) condition. The purity is greater than 95%.