PE-Labeled Human Peptide Ready HLA-B*27:05&B2M Tetramer Protein

Catalog # HLAB2705-HP001

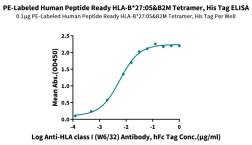
Product Details

Product description	Recombinant PE-Labeled Human Peptide Ready HLA-B*27:05&B2M Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. PE-Labeled Human Peptide Ready HLA-B*27:05&B2M Tetramer is assembled by biotinylated monomer and PE-Labeled streptavidin. It contains Gly25-Thr305 (HLA-B*27:05) and Ile21-Met119 (B2M) (accession: AAA36221.1(HLA-B*27:05) & P01769(B2M)).
Molecular aliases	MHC; HLA-B*27:05; Peptide Ready
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 500 kDa.
Formulation	Supplied as 0.22 μm filtered solution in PBS, 100mM L-Arginine, 0.2% BSA (pH 7.4).
Storage	Valid for 6 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

ELISA

Representative product-page data



Reported result

Immobilized PE-Labeled Human Peptide Ready HLA-B*27:05&B2M Tetramer, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-HLA class I (W6/32) Antibody, hFc Tag with the EC50 of 5.8ng/ml determined by ELISA. (QC Test)