PE-Labeled Human Peptide Ready HLA-A*02:01&B2M Tetramer Protein

Catalog # HLAA0201-HP017

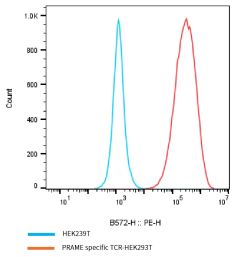
Product Details

Product description	Recombinant PE-Labeled Human Peptide Ready HLA-A*02:01&B2M Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. PE-Labeled Human Peptide Ready HLA-A*02:01&B2M Tetramer is assembled by biotinylated monomer and PE-Labeled streptavidinIt contains Gly25-Thr305 (HLA-A*02:01) and Ile21-Met119 (B2M) (accession: A0A140T913(HLA-A*02:01) & P01769(B2M)).
Molecular aliases	MHC; HLA-A*02:01; 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

Flow Cytometry

Representative product-page data



Reported result

1E6 of PRAME specific TCR-HEK293T cell line were stained with 100ul of 10ug/ml PE-Human Peptide Ready HLA-A*02:01&B2M Tetramer Protein (Cat. MHC-HM43RTP) (Loaded PRAME Peptide SLLQHLIGL) and non-transfected HEK293T cells and PE-Labeled protein were used as negative control. The binding activity was evaluated by PE signal. (QC Test)