PE-Labeled Human HLA-A*02:01&B2M&PRAME (SLLQHLIGL) Tetramer Protein

Catalog # PRAME-HP007

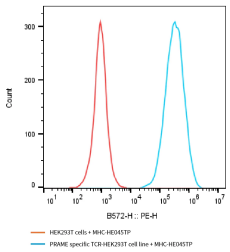
Product Details

Product description	Recombinant PE-Labeled Human HLA-A*02:01&B2M&PRAME (SLLQHLIGL) Tetramer Protein is expressed from E.coli with His tag and Avi tag at the C-terminus. PE-Labeled Human HLA-A*02:01&B2M&PRAME (SLLQHLIGL) Tetramer is assembled by biotinylated monomer and PE-labeled streptavidin. It contains Gly25-Thr305(HLA-A*02:01), Ile21-Met119(B2M) and SLLQHLIGL peptide (accession: A0A140T913(HLA-A*02:01) & P61769(B2M) &SLLQHLIGL).
Molecular aliases	PRAME; OIP-4; OIP4; MAPE;
Expression system	E. coli
Formulation	Supplied as 0.22 μm filtered solution in 20mM Tris, 200mM NaCl, 0.2% BSA (pH 8.0).
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-Labeled Human HLA-A*02:01&B2M&PRAME (SLLQHLIGL) Tetramer (Cat. No.MHC-HE045TP) and non-transfected HEK293T cells and PE-Labeled protein were used as negative control. The binding activity was evaluated by PE signal. (QC Test)