PE-Labeled Human HLA-A*11:01&B2M&KRAS G12V (VVVGAVGVGK) Tetramer Protein

Catalog # KRASG12V-HP012

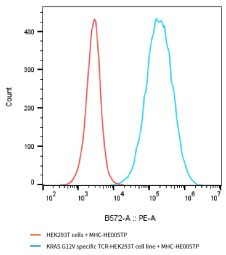
Product Details

Product description	Recombinant PE-Labeled Human HLA-A*11:01&B2M&KRAS G12V (VVVGAVGVGK) Tetramer Protein is expressed from E.coli with His tag and Avi tag at the C-terminus. PE-Labeled Human HLA-A*11:01&B2M&KRAS G12V (VVVGAVGVGK) Tetramer is assembled by biotinylated monomer and PE-labeled streptavidin. It contains Gly25-Thr305 (HLA-A*11:01), Ile21-Met119 (B2M) and VVVGAVGVGK peptide (accession: AAV53343.1(HLA-A*11:01) & P61769(B2M) &VVVGAVGVGK).
Molecular aliases	MHC; KRAS; K-Ras 2; KRAS2; C-K-RAS; CFC2; K-RAS2A; K-RAS2B; K-RAS4A; K-RAS4B; KRAS1; KRAS2; NS; NS3; RASK2; GTPase Kras; KI-RAS; RALD
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 KRAS G12V specific TCR-HEK293T cell line were stained with 100ul of 10ug/ml PE-Labeled Human HLA-A*11:01&B2M&KRAS G12V (VVVGAVGVGK) Tetramer Protein (Cat. No. MHC-HE005TP) and non-transfected HEK293T cells and PE-Labeled protein were used as negative control. PE signal was used to evaluate the binding activity. (QC Test)