

Cat. No. MHC-HE001TP

Description

Source	Recombinant PE-Labeled Human HLA-A*11:01&B2M&KRAS WT (VVVGAGGVGK) 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 WT (VVVGAGGVGK) Tetramer is assembled by biotinylated monomer and PE-Labeled streptavidin. It contains Gly25-Thr305 (HLA-A*11:01), Ile21-Met119 (B2M) and VVVGAGGVGK peptide.
Accession	AAV53343.1(HLA-A*11:01)&P61769(B2M)&VVVGAGGVGK
Wavelength	Excitation Wavelength: 488 nm / 561 nm Emission Wavelength: 575 nm

Formulation and Storage

Formulation	Supplied as 0.22 µm filtered solution in 20mM Tris, 0.2M 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.

Background

Kirsten rat sarcoma 2 viral oncogene homolog (KRAS) is the most commonly mutated oncogene in human cancer. The developments of many cancers depend on sustained expression and signaling of KRAS, which makes KRAS a high-priority therapeutic target.