

PE-Labeled Human HLA-C*03:04&B2M&KRAS G12D (GADGVGKSAL) Tetramer Protein



Cat. No. MHC-HM438TP

Description

Source	Recombinant PE-Labeled Human HLA-C*03:04&B2M&KRAS G12D (GADGVGKSAL) Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus, PE-Labeled Human HLA-C*03:04&B2M&KRAS G12D (GADGVGKSAL) Tetramer is assembled by biotinylated monomer and PE-labeled streptavidin. It contains Gly25-Thr305(HLA-C 03:04), Ile21-Met119(B2M) and GADGVGKSAL peptide.
Accession	QAV56463.1(HLA-C*03:04)&P61769(B2M)&GADGVGKSAL
Wavelength	Excitation Wavelength: 488 nm / 561 nm Emission Wavelength: 575 nm
Endotoxin	Less than 1EU per µg by the LAL method.

Formulation and Storage

Formulation	Supplied as 0.22µm filtered solution in PBS, 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.

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. The virtual screening approach to discover novel KRAS inhibitors and synthetic lethality interactors of KRAS are discussed in detail.