

Cat. No. MHC-HM491TC

**Description**

**Source** Recombinant APC-Labeled Human HLA-C\*05:01&B2M&KRAS G12D (GADGVGKSAL) Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. APC-Labeled Human HLA-C\*05:01&B2M&KRAS G12D (GADGVGKSAL) Tetramer is assembled by biotinylated monomer and APC-Labeled streptavidin.

It contains Cys25-Ala366(HLA-C\*05:01), Ile21-Met119(B2M) and GADGVGKSAL peptide.

**Accession**

AAD11469.1(HLA-C\*05:01)&P61769(B2M)&GADGVGKSAL

**Endotoxin**

Less than 1 EU per µg by the LAL method.

**Formulation and Storage****Formulation**

Supplied as 0.22 µm filtered solution in PBS, 200mM L-Arginine (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.