

Cat. No. MHC-HM468TA

Description

Source Recombinant APC-Labeled Human HLA-A*03:01&B2M&KRAS G12D (VVVGADGVGK) Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus.

It contains Gly25-Thr305(HLA-A*03:01), Ile21-Met119(B2M) and VVVGADGVGK peptide.

Accession NP_002107.3(HLA-A*03:01)&P61769(B2M)&VVVGADGVGK

Endotoxin Less than 1EU per µg by the LAL method.

Formulation and Storage

Formulation Supplied as 0.22 µm filtered solution in PBS, 300mM NaCl (pH 7.4).

Storage Valid for 12 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.