

# PE-Labeled Human HLA-C\*05:01&B2M&KRAS G12D (GADGVGKSAL) Tetramer Protein



Cat. No. MHC-HM491TP

Description	
Source	<p>Recombinant PE-Labeled Human HLA-C*05:01&amp;B2M&amp;KRAS G12D (GADGVGKSAL) Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-terminus. PE-Labeled Human HLA-C*05:01&amp;B2M&amp;KRAS G12D (GADGVGKSAL) Tetramer is assembled by biotinylated monomer and PE-labeled streptavidin.</p> <p>It contains Cys25-Ala366(HLA-C*05:01), Ile21-Met119(B2M) and GADGVGKSAL peptide.</p>
Accession	AAD11469.1(HLA-C*05:01)&P61769(B2M)&GADGVGKSAL
Wavelength	Excitation Wavelength: 488 nm / 561 nm
	Emission Wavelength: 575 nm
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	
<p>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.</p>	