PE-Labeled Human HLA-A*02:01&B2M&MAGE-A1 (KVLEYVIKV) Tetramer Protein

Cat. No. MHC-HM445TP

Description

Source	Recombinant PE-Labeled Human HLA-A*02:01&B2M&MAGE-A1 (KVLEYVIKV) Tetramer Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. PE-Labeled Human HLA-A*02:01&B2M&MAGE-A1 (KVLEYVIKV) Tetramer is assembled by biotinylated monomer and PE-Labeled streptavidin
	It contains Gly25-Thr305(HLA-A*02:01), Ile21-Met119(B2M) and KVLEYVIKV peptide.
Accession	A0A140T913(HLA-A*02:01)&P61769(B2M)&KVLEYVIKV
Wavelength	Excitation Wavelength: 488 nm / 561 nm
	Emission Wavelength: 575 nm

Formulation and Storage

Formulation	Supplied as 0.22 μm 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

MAGE-A1 belongs to the chromosome X-clustered genes of cancer-testis antigen family and is normally expressed in the human germ line but is also overexpressed in various tumors.

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