

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



Cat. No. MHC-HM445TP

Description	
Source	<p>Recombinant PE-Labeled Human HLA-A*02:01&amp;B2M&amp;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&amp;B2M&amp;MAGE-A1 (KVLEYVIKV) Tetramer is assembled by biotinylated monomer and PE-Labeled streptavidin</p> <p>It contains Gly25-Thr305(HLA-A*02:01), Ile21-Met119(B2M) and KVLEYVIKV peptide.</p>
Accession	A0A140T913(HLA-A*02:01)&P61769(B2M)&KVLEYVIKV
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	Lyophilized from 0.22 µm filtered solution in PBS, 0.2% BSA (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.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.	