

FITC-equivalent Human Peptide Ready HLA-E*01:03&B2M Tetramer Protein



Cat. No. MHC-HM42RTF

Description

Source	Recombinant FITC-equivalent Human Peptide Ready HLA-E*01:03&B2M Tetramer Protein is expressed from HEK293 with His tag at the C-terminus.
	It contains Gly22-Thr302(HLA-E*01:03) and Ile21-Met119 (B2M).
Accession	P13747(HLA-E*01:03)&P61769(B2M)
Molecular Weight	The protein has a predicted MW of 301.2 kDa.
Wavelength	Excitation Wavelength: 490 nm
	Emission Wavelength: 520 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, 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

HLA-E*01:03&B2M&Peptide ready Monomer is absent from peptide, namely peptide-receptive MHC. It can be loaded with antigenic peptides matching HLA-E*01:03. Peptide ready MHC molecules comprising human HLA alleles and B2M, which can be readily tetramerized and loaded with peptides of choice in a high-throughput manner.