

# APC-equivalent Human Peptide Ready HLA-E\*01:03&B2M Tetramer Protein



Cat. No. MHC-HM42RTC

## Description

Source	Recombinant APC-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 304.8 kDa.
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.