

**Product** easYmers®, cat# U-LXXM

**Recommended use** easYmers® is a peptide loadable MHC I monomer. easYmers® can be used to generate MHC-peptide monomers with custom choice of peptide. The generated MHC-peptide monomers can be attached to U-load Dextramer® or U-load dCODE Dextramer® to make U-Load Dextramer® MHC I or U-Load dCODE Dextramer® MHC I reagents for analysis of antigen-specific CD8+ T cells by flow cytometry, PCR/NGS or single-cell multi-omics analysis.

The easYmers® reagent can also be used to evaluate/screen binding of peptide(s) to specific MHC I.

For research use only. Not for use in diagnostic or therapeutic procedures.

- Reagents provided**
- easYmers®: 3 µM peptide loadable MHC monomers, consisting of peptide receptive, biotinylated MHC monomers in Tris/Maleate pH 7, 30% Glycerol. Each easYmers® is uniquely identified by the allele, e.g., easYmers® HLA-A\*01:01.
  - easYmers® Loading Buffer: 0.3 M Tris/Maleate, pH 7
  - easYmers® Control Peptide: Positive control for evaluation of peptide-MHC folding. Each easYmers® Control Peptide is uniquely identified by allele and peptide sequence, e.g., easYmers® HLA-A\*01:01 Control Peptide KSEYMTSWFY. Prior to use, dissolve the peptide in 20 µL DMSO to a peptide concentration of 1 mM.

**Sizes**

Tests	Content		
	easYmers®	easYmers® Loading Buffer	easYmers® Control Peptide
20	1 vial (40 µL)	1 vial (1 mL)	1 vial (20 nmol)
50	1 vial (100 µL)	1 vial (1 mL)	1 vial (20 nmol)
150	1 vial (300 µL)	1 vial (1 mL)	2 vials (20 nmol)
500	1 vial (1000 µL)	3 vials (1 mL)	3 vials (20 nmol)

**Storage** Store at -20°C. Avoid repeat freeze-thaw cycles.

**Precautions** See [www.immudex.com/resources/safety-documentation/](http://www.immudex.com/resources/safety-documentation/) for safety data sheets (SDS).

**Recommended protocols** See "Protocol for preparation and loading of easYmers® MHC I-peptide monomers onto U-Load Dextramer®" and "MHC Dextramer® Staining Protocol" ([www.immudex.com/resources/protocols/](http://www.immudex.com/resources/protocols/)).

**Symbols** See [www.immudex.com/symbols](http://www.immudex.com/symbols)

**Technical support** E-mail: [customer@immudex.com](mailto:customer@immudex.com)  
Telephone: +45 3110 9292 (Denmark)

**Manufacturer** immunAware, Agern Alle 1, 2970, Hørsholm, Denmark  
[www.immunaware.com](http://www.immunaware.com)