

**Recommended use** easYmer® is a peptide loadable MHC I monomer. easYmer® can be used to generate MHC-peptide monomers with custom choice of peptide. The generated MHC-peptide monomers can be dextramerized with 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 easYmer® 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**

- easYmer®: 3 µM peptide loadable MHC monomers, consisting of peptide receptive, biotinylated MHC monomers in Tris/Maleate pH 7, 30% Glycerol. Each easYmer® is uniquely identified by the allele, e.g., easYmer® HLA-A\*0101.
- easYmer® Loading Buffer: 0.3 M Tris/Maleate, pH 7
- easYmer® Control Peptide: Positive control for evaluation of peptide-MHC folding. Each easYmer® Control Peptide is uniquely identified by allele and peptide sequence, e.g., easYmer® HLA-A\*0101 Control Peptide KSEYMTSWFY. Prior to use, dissolve the peptide in 20 µL DMSO to a peptide concentration of 1 mM.

**Sizes**

Tests	Content		
	easYmer®	easYmer® Loading Buffer	easYmer® 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).

As with any product derived from biological sources, proper handling procedures should be used.

For professional users.

**Recommended protocols**

See "Protocol for Preparation of MHC I-peptide monomer and fluorescent U-Load Dextramer® MHC I" and "General staining procedure MHC Dextramer – PBMC's" ([www.immudex.com/resources/protocols/](http://www.immudex.com/resources/protocols/)).

**Symbols**

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

**Technical support**

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**Manufacturer**

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