



IBA Lifesciences GmbH  
Rudolf-Wissell-Str. 28  
37079 Goettingen  
Germany  
Tel.: +49 (0) 551-5 06 72-0  
E-mail: [info@iba-lifesciences.com](mailto:info@iba-lifesciences.com)  
[www.iba-lifesciences.com](http://www.iba-lifesciences.com)

## Data Sheet

# MHC I-Strep HLA-A\*0201; HIV gag (SLYNTVATL)

Cat. No.: 6-7004-001

Lot. No.: 7004-0005

Version: 16.1

Revision Date: 10.09.2021

<b>Description</b>	Recombinant human MHC class I allele (HLA-A*0201) fused to a Twin-Strep-tag® (MHC I-Strep) and refolded with HIV gag peptide (SLYNTVATL).
<b>Form</b>	Dissolved in DPBS (Dulbecco's phosphate buffered saline) without Ca & Mg, contains KCl; pH 7.9 - 8.1 (sterile solution without preservatives).
<b>Concentration</b>	250 µg/ml
<b>Amount</b>	40 µl
<b>Stability</b>	12 months after shipping (if stored at -80 °C). Handle under <b>sterile</b> conditions and avoid multiple freeze-thaw cycles.
<b>Storage</b>	Long-term: -80 °C; short-term: 2-8 °C
<b>Shipping</b>	Dry ice
<b>Hazards</b>	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
<b>Application</b>	MHC I-Streps are used for the MHC I Streptamer® approach, based on our Strep-tag® technology. Multimerization of MHC I-Streps on Strep-Tactin® increases the avidity of low affinity monomers. The following applications are possible: <b>Fluorescent cell staining and sorting</b> with fluorescently conjugated Strep-Tactin®, <b>magnetic cell isolation</b> with Strep-Tactin® Magnetic Microbeads or <b>affinity chromatographic cell isolation</b> with Strep-Tactin® TACS Agarose columns. Biotin reverses the multimerization and causes the dissociation of all reagents from the cells, yielding label-free populations for unbiased further use.
<b>Recommended usage</b>	0.8 µl per 2 x 10 <sup>6</sup> total cells for fluorescent staining or magnetic isolation

### For research use only

#### Trademark information

The owners of trademarks marked by "®" or "TM" are identified at <http://www.iba-lifesciences.com/patents.html>. Registered names, trademarks, etc. used in this document, even when not specifically marked as such, are not to be considered unprotected by law.

#### Important licensing information

This product is covered by intellectual property (IP) rights and on completion of the sale IBA Lifesciences grants respective Limited Use Label Licenses to purchaser. IP rights and Limited Use Label Licenses for said technology are further described and identified at <http://www.iba-lifesciences.com/patents.html> or upon inquiry at [info@iba-lifesciences.com](mailto:info@iba-lifesciences.com) or at IBA Lifesciences GmbH, Rudolf-Wissell-Str. 28, 37079 Goettingen, Germany. By use of this product the purchaser accepts the terms and conditions of all applicable Limited Use Label Licenses.