

Product datasheet

sHLA-A*02:01bio

A*0201, A0201, A*02, A02, A2



Serological Name	A2
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	A0201bio

Product Description

Allele Name	A*02:01 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-A
Alternative Allele Name A Chain	A*0201, A0201, A*02, A02, A2
Alternative Allele Name B Chain	-
Description	Recombinant, truncated Class I soluble Human Leukocyte Antigen (sHLA), naturally folded and glycosylated, loaded with endogenous peptides.
Serological Name	A2
Serological Split	-
Bw4/Bw6 Assignment	-
Bw4/Bw6 Sequence	-
Allele Frequency [World Population]	
A chain	12.00%
B chain	-

Associated products

[A0201](#)
[A0201pe](#)

Product Specification

Product name	HLA-A*02:01bio
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	OB11
Tail Specification	VLDL
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
Complexity	Monomer
Protein Format	Recombinant, truncated, soluble, non-modified, biotinylated, endogenously loaded
Storage Temperature	4 °C (This product should be stored undiluted)
Form	Liquid
Concentration	300.0 µg/µl
Formulation	PBS/0.02% Sodium Azide
pH	7.4
Purification Method	Affinity Chromatography
Grade	Research Use Only [RUO]
Authentication Verification	Sequence Based Typing

Protein Sequences

Alpha Chain Sequence	<p>GSHSMRYFFT SVSRPGRGEP RFIAVGYVDD TQFVRFSDSA ASQRMEPRAP WIEQEGPEYW DGETRKVKAH SQTHRVDLGT LRGYYNQSEA GSHTVQRMYG CDVGSDDRFL RGYHQYAYDG KDYIALKEDL RSWTAADMAA QTTKKHWEAA HVAEQLRAYL EGTCVEWLR R YLENGKETLQ RTDAPKTHMT HHAVSDHEAT LRCWALSFPY AEITLTWQRD GEDQTQDTEL VETRPAGDGT FQKWAAVVVP SGQEQRYTCH VQHEGLPKPL TLRVSVSTDD DLA</p>
Beta Chain Sequence	<p>IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTLSPQ KIVKWDRDM</p>

Related Products

[A0203bio](#)
[A0301bio](#)
[B0702bio](#)
[B5701bio](#)

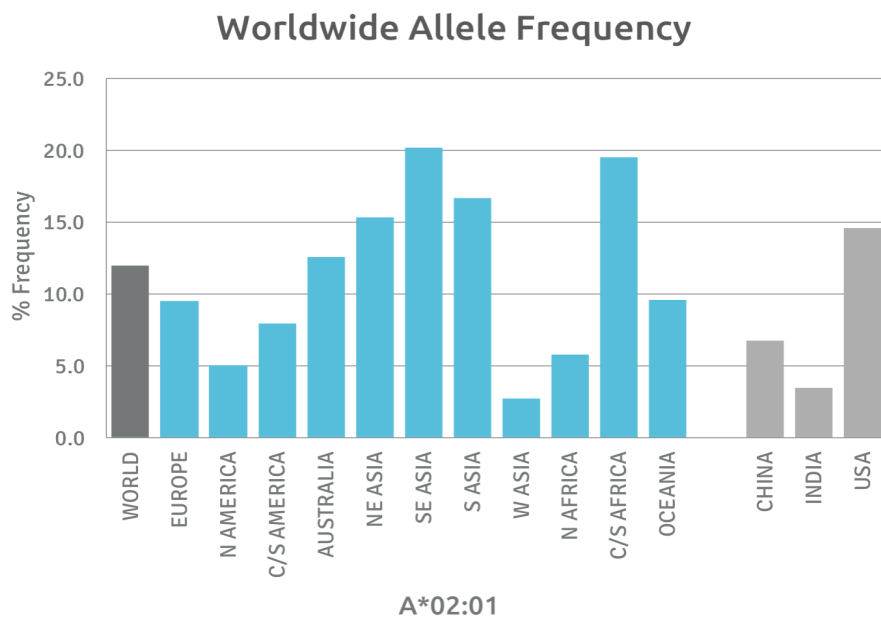
Applications

- HLA Sandwich ELISAs
- HLA Direct ELISAs
- HLA-Sera Antibody Assays
- HLA Controls in ELISA Assays
- HLA Assay Standards
- HLA Blocking Assays
- HLA Neutralizing Assays
- HLA Competition Assays
- HLA Bead Assays
- HLA Immunization Procedures

Recommended Antibodies

- W6/32
- Anti-B2m

Allele Frequency



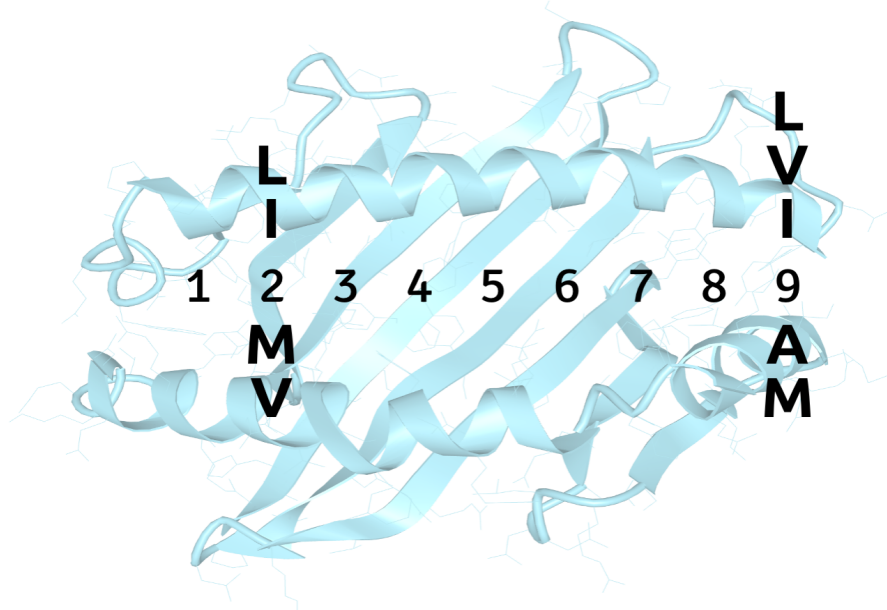
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 HLA Protein
PURE PROTEIN, LLC

Motif

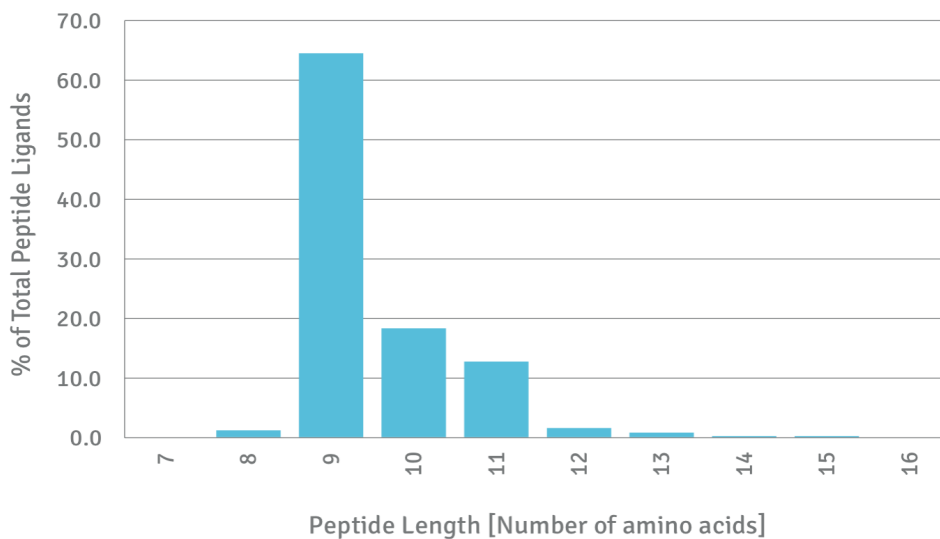
A*02:01 BINDING MOTIF



Length Distribution

HLA Length Distribution

A*02:01



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