

Product datasheet

sHLA-B*39:01bio

B*3901, B3901, B*39, B39, B3901



Serological Name	B3901
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	B3901bio

Product Description

Allele Name	B*39:01 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-B
Alternative Allele Name A Chain	B*3901, B3901, B*39, B39, B3901
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	B3901
Serological Split	B39
Bw4/Bw6 Assignment	Bw6
Bw4/Bw6 Sequence	SLRNLRG
Allele Frequency [World Population]	
A chain	2.6%
B chain	-

Associated products

[B3901](#)
[B3901pe](#)

Product Specification

Product name	HLA-B*39:01bio
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	E2
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	GSHSMRYFYT SVSRPGRGEP RFIISVGYVDD TQFVRFDSDA ASPREEPRAP WIEQEGPEYW DRNTQICKTN TQTDRESLRN LRGYYNQSEA GSHTLQRMYG CDVGPDRLL RGHNQFAYDG KDYIALNEDL SSWTAADTAA QITQRKWEAA RVAEQLRTYL EGTCVEWLRRL YLENGKETLQ RADPPKTHVT HHPISDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDR FQKWAAVVVP SGEEQRYTCH VQHEGLPKPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTLSPQ KIVKWDRDM

Related Products

[B3905bio](#)
[A0201bio](#)
[A0301bio](#)
[B0702bio](#)

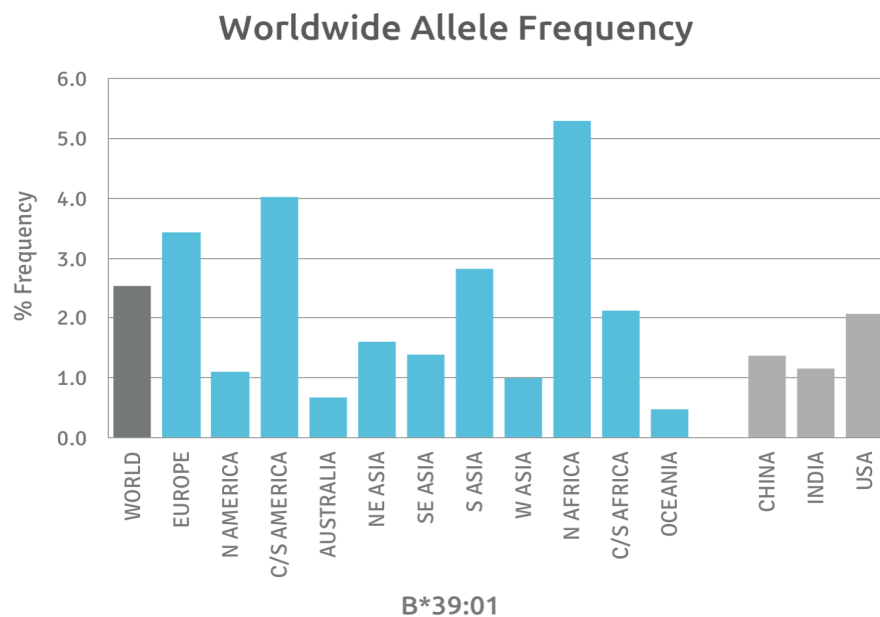
Applications

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



Please note:

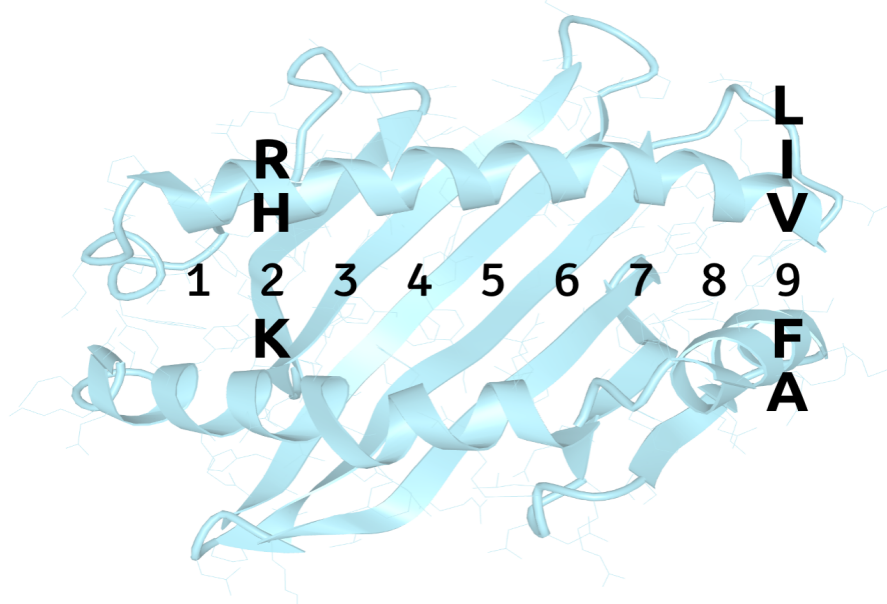
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 HLA Protein
PURE PROTEIN, LLC

Motif

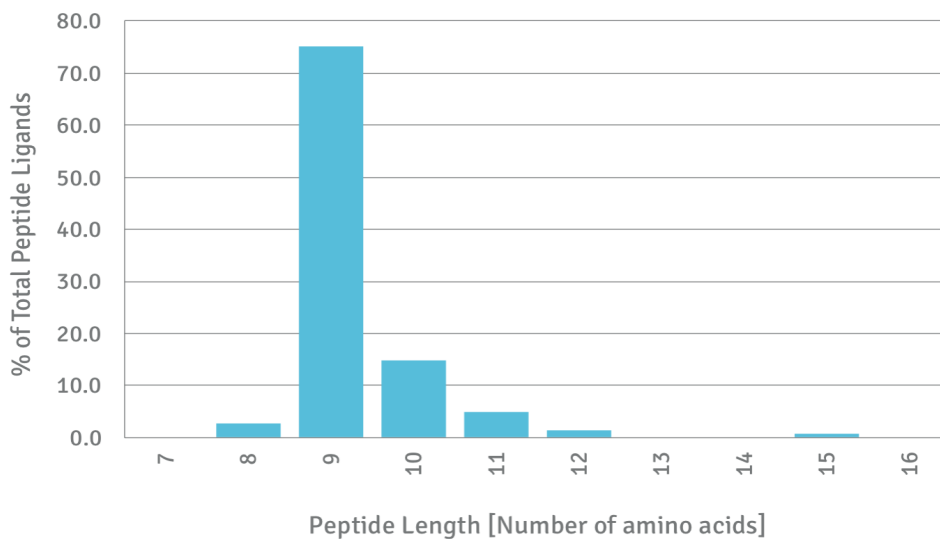
B*39:01 BINDING MOTIF



Length Distribution

HLA Length Distribution

B*39:01



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Eplet Assignments

B*39:01

Eplet	Polymorphic Residues	Antibody Reactivity
9Y	9Y	
24S	24S	
45EE	45E46E	
62RN	62R63N	
63NI	63N66I	
66I	66I	
66IC	66I67C	
69TNT	69T70N71T	Yes
71TTS	71T73T77S	Yes
76ES	76E77S	
76ESN	76E77S80N	Yes
77S	77S	
77SRN	77S79R80N	
80N	80N	Yes
95L	95L	
97R	97R	
99Y	99Y	
113H	113H	
113HN	113H114N	
116F	116F	
131S	131S	Yes
151ARV	150A151R152V	
152V	152V	
156L	156L	
158T	158T	Yes
163T	163T	
193PI	193P194I	