

Product datasheet



sHLA-B*15:16bio

B*1516, B1516, B*15, B15, B63

Serological Name	B63
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	B1516bio

Product Description

Allele Name	B*15:16 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-B
Alternative Allele Name A Chain	B*1516, B1516, B*15, B15, B63
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	B63
Serological Split	B15
Bw4/Bw6 Assignment	Bw4
Bw4/Bw6 Sequence	NLRIALR
Allele Frequency [World Population]	
A chain	0.4%
B chain	-

Associated products

[B1516](#)
[B1516pe](#)

Product Specification

Product name	HLA-B*15:16bio
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	B8D10
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	GSHFMRIFYT AMSRPGRGEP RFIAVGYVDD TQFVRFSDSA ASPRMAPRAP WIEQEGPEYW DRETRNMKAS AQTYRENLRI ALRYYNQSEA GSHTWQRMYG CDLGPDGRLR RGHDQSAYDG KDYIALNEDL SSWTAADTAA QITQRKWEAA REAEQLRAYL EGLCWEVLR R YLENGKETLQ RADPPKTHVT HHPISDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDRT FQKWAAVVVP SGEEQRYTCH VQHEGLPKPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPEKDEYAC RVNHVTLSPQ KIVKWDRDM

Related Products

[A0201bio](#)
[A0301bio](#)
[A2402bio](#)
[B0702bio](#)

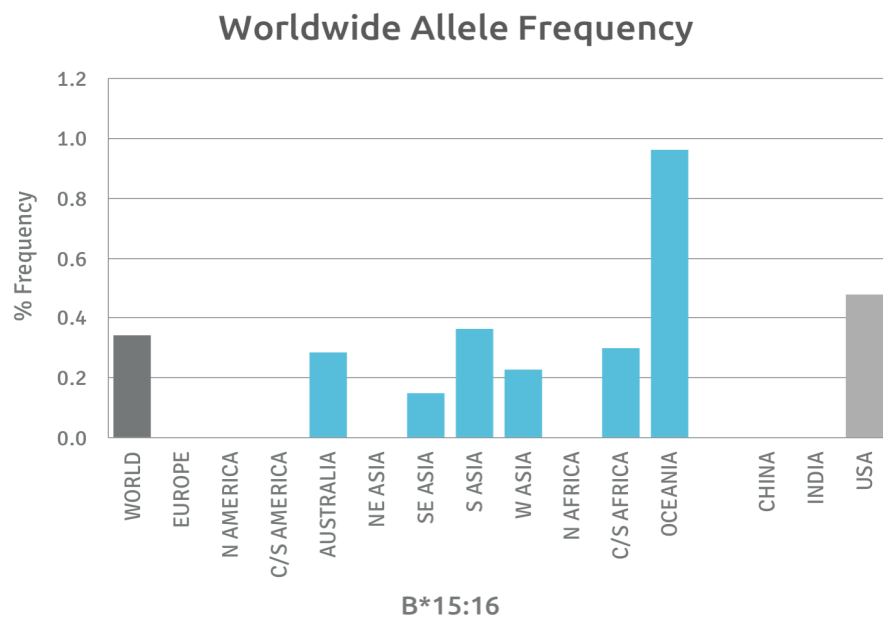
Applications

- 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



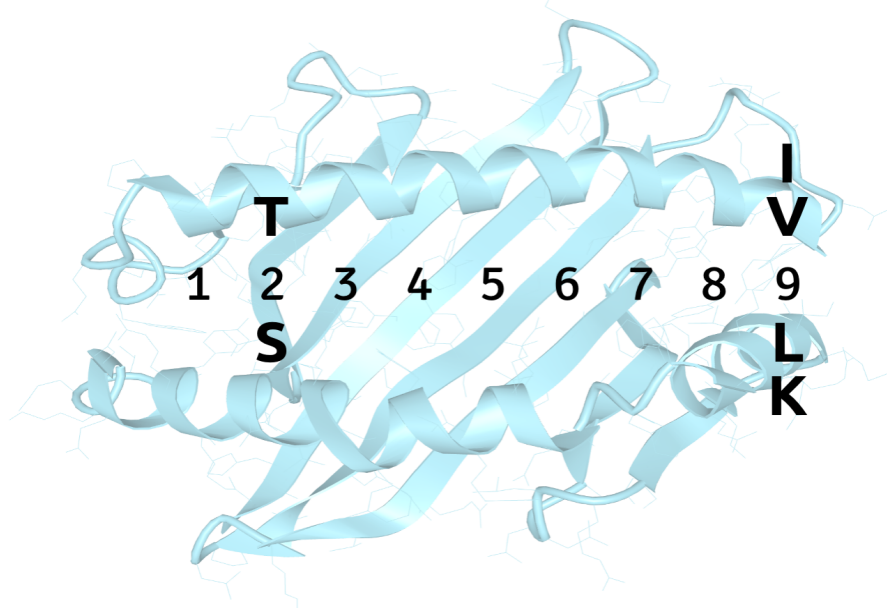
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Motif

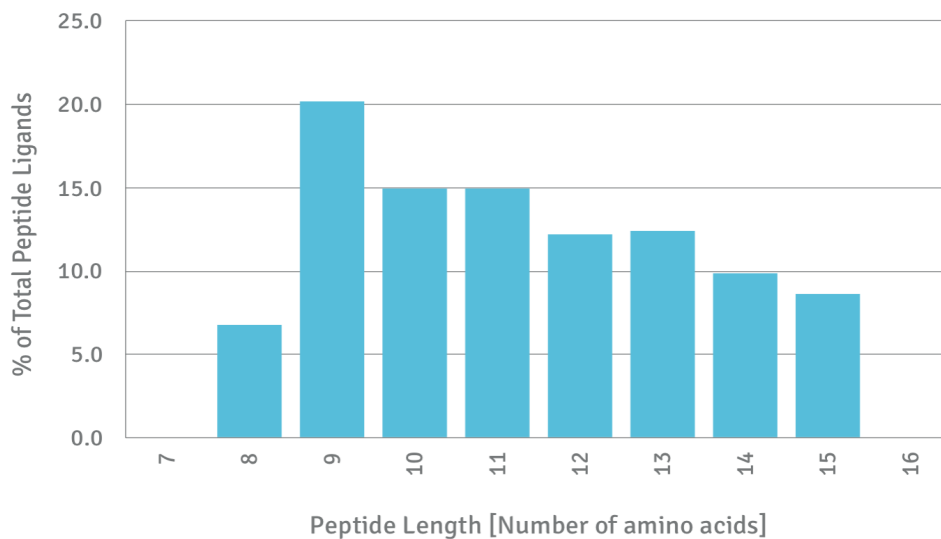
B*15:16 BINDING MOTIF



Length Distribution

HLA Length Distribution

B*15:16



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