

Product datasheet

sHLA-B*51:02bio

B*5102, B5102, B*51, B51, B5102



Serological Name	B5102
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	B5102bio

Product Description

Allele Name	B*51:02 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-B
Alternative Allele Name A Chain	B*5102, B5102, B*51, B51, B5102
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	B5102
Serological Split	B51
Bw4/Bw6 Assignment	Bw4
Bw4/Bw6 Sequence	NLRIALR
Allele Frequency [World Population]	
A chain	1.00%
B chain	-

Associated products

[B5102](#)
[B5102pe](#)

Product Specification

Product name	HLA-B*51:02bio
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	E6B3
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 AMSRPGRGEP RFIAVGYVDD TQFVRFSDSA ASPRTEPRAP WIEQEGPEYW DRNTQIFKTN TQTYRENLRI ALRYYNQSEA GSHTWQTMYG CDVGPDRLL RGHNQYAYDG KDYIALNEDL SSWTAADTAA QITQRKWEAA REAEQLRAYL EGLCWEVLRRL YLENGKETLQ RADPPKTHVT HHPVSDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDRT FQKWAAVVVP SGEEQRYTCH VQHEGLPKPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTLSPQ KIVKWRDRM

Related Products

[B5101bio](#)
[A0201bio](#)
[A0301bio](#)
[B0702bio](#)

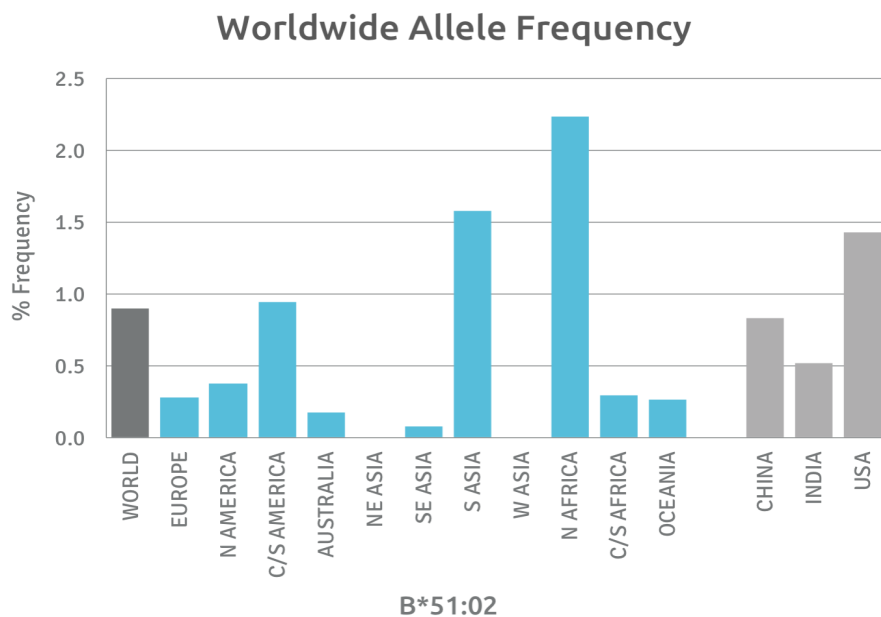
Applications

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



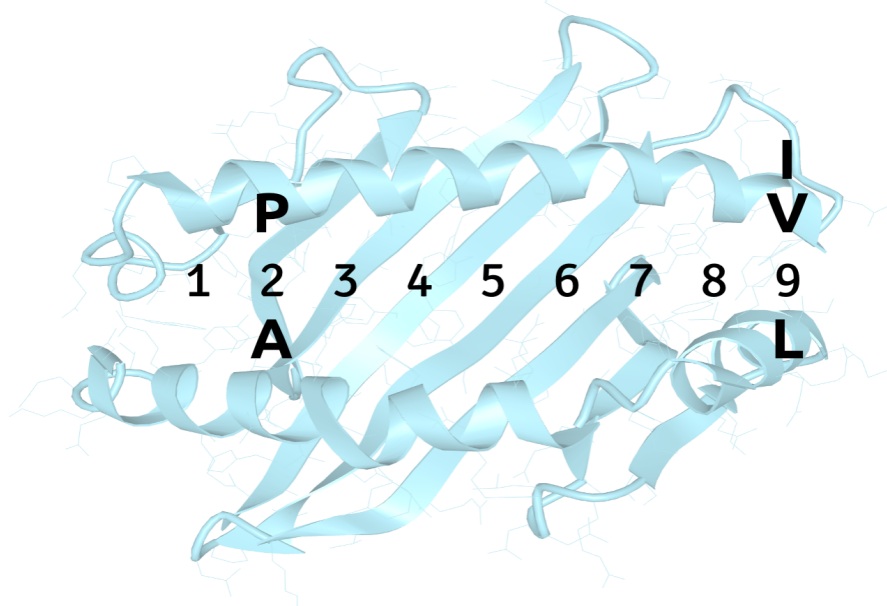
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 HLA Protein
PURE PROTEIN, LLC

Motif

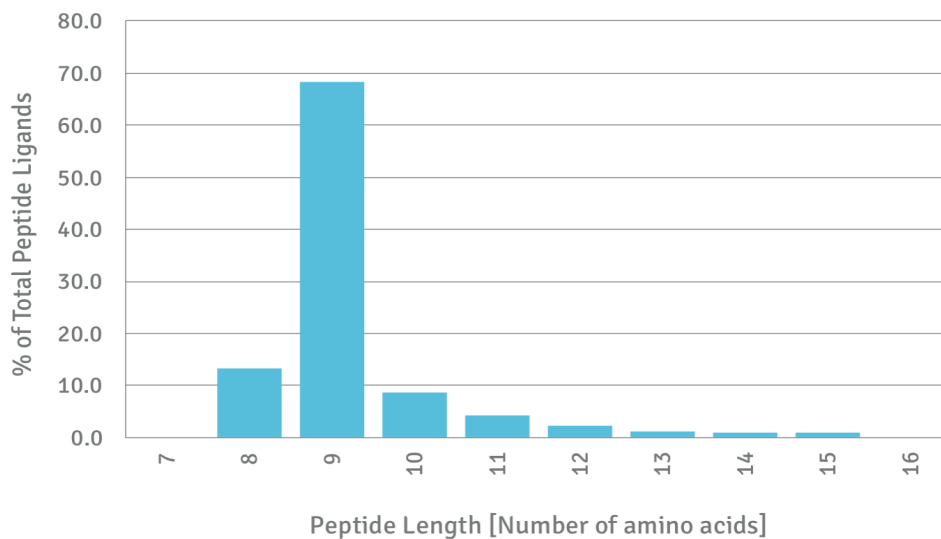
B*51:02 BINDING MOTIF



Length Distribution

HLA Length Distribution

B*51:02



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