

Product datasheet

sHLA-B*58:01bio

B*5801, B5801, B*58, B58, B58



| | |
|-------------------------|------------|
| Serological Name | B58 |
| Peptide Load | Endogenous |
| Modification | Unmodified |
| Conjugation | Biotin |
| SKU | B5801bio |

Product Description

| | |
|--|-------------------------------|
| Allele Name | B*58:01 B2m |
| HLA Class | HLA Class I |
| HLA Gene Locus | HLA-B |
| Alternative Allele Name A Chain | B*5801, B5801, B*58, B58, B58 |
| 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 | B58 |
| Serological Split | B17 |
| Bw4/Bw6 Assignment | Bw4 |
| Bw4/Bw6 Sequence | NLRIALR |
| Allele Frequency [World Population] | |
| A chain | 3.6% |
| B chain | - |

Associated products

[B5801](#)
[B5801pe](#)

Product Specification

| | |
|------------------------------------|--|
| Product name | HLA-B*58:01bio |
| HLA Species | Human |
| Host Cell Line Species | Human |
| Clone Designation | B11C5 |
| 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 DGETRNMKAS AQTYRENLRI ALRYYNQSEA GSHIIQRMYG CDLGPDGRLR RGHDQSAYDG KDYIALNEDL SSWTAADTAA QITQRKWEAA RVAEQLRAYL EGLCWEVLR R YLENGKETLQ RADPPKTHVT HHPVSDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDRT FQKWAAVVVP SGEEQRYTCH VQHEGLPKPL TLRVSVSTDD DLA |
| Beta Chain Sequence | IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTL SQP KIVKWDRDM |

Related Products

[B5802bio](#)
[A0201bio](#)
[A0301bio](#)
[B0702bio](#)

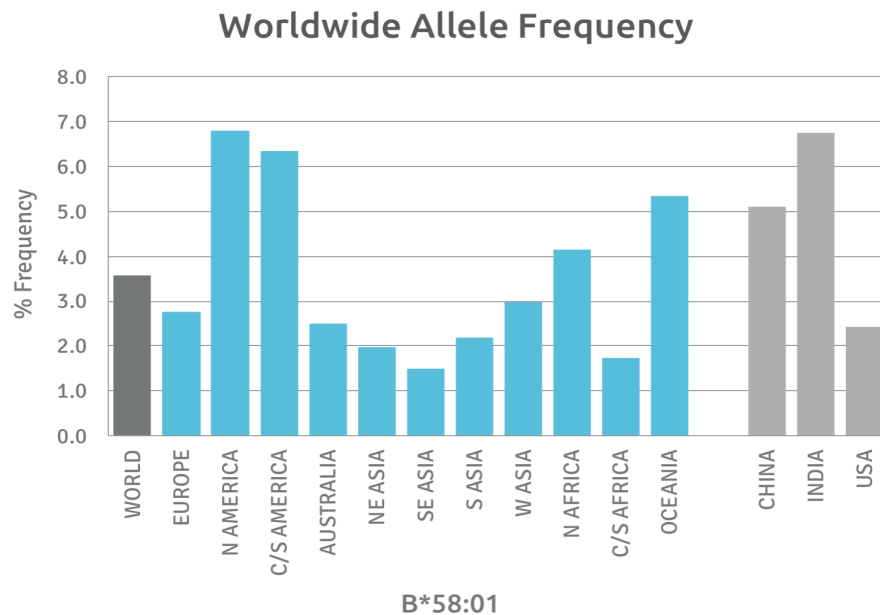
Applications

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



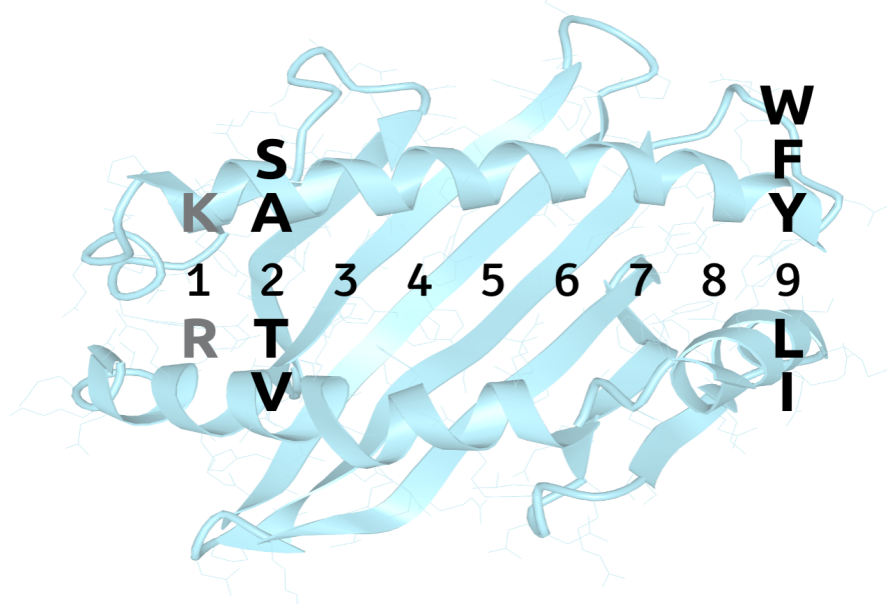
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Motif

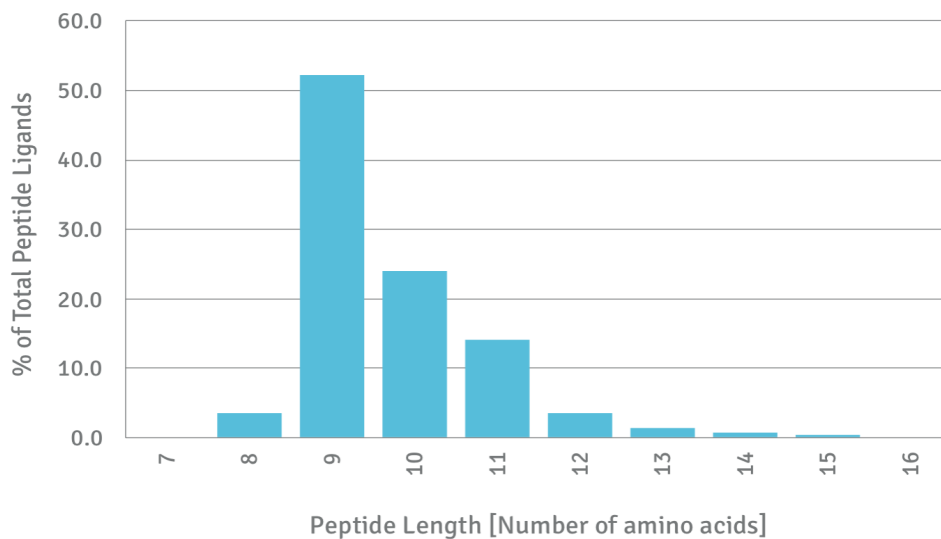
B*58:01 BINDING MOTIF



Length Distribution

HLA Length Distribution

B*58:01



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