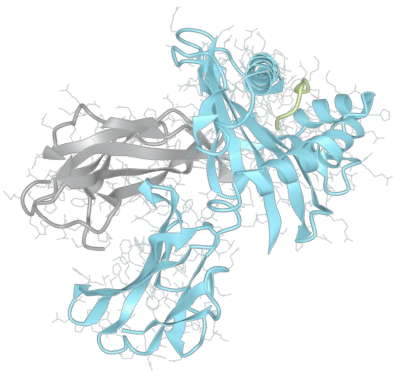


Product datasheet

sHLA-B*58:02

B*5802, B5802, B*58, B58, B58



Serological Name	B58
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	B5802

Product Description

Allele Name	B*58:02 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-B
Alternative Allele Name A Chain	B*5802, B5802, 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	1.9%
B chain	-

Associated products

[B5802bio](#)
[B5802pe](#)

Product Specification

Product name	HLA-B*58:02
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	D1G2
Tail Specification	VLDL
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
Complexity	Monomer
Protein Format	Recombinant, truncated, soluble, non-modified, non-labeled, endogenously loaded
Storage Temperature	4 °C (This product should be stored undiluted)
Form	Liquid
Concentration	1000.0 µg/ml
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 GSHTLQWMYG 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 RVNHVTLSP KIVKWDRDM

Related Products

[B5801](#)
[A0201](#)
[A0301](#)
[B0702](#)

Applications

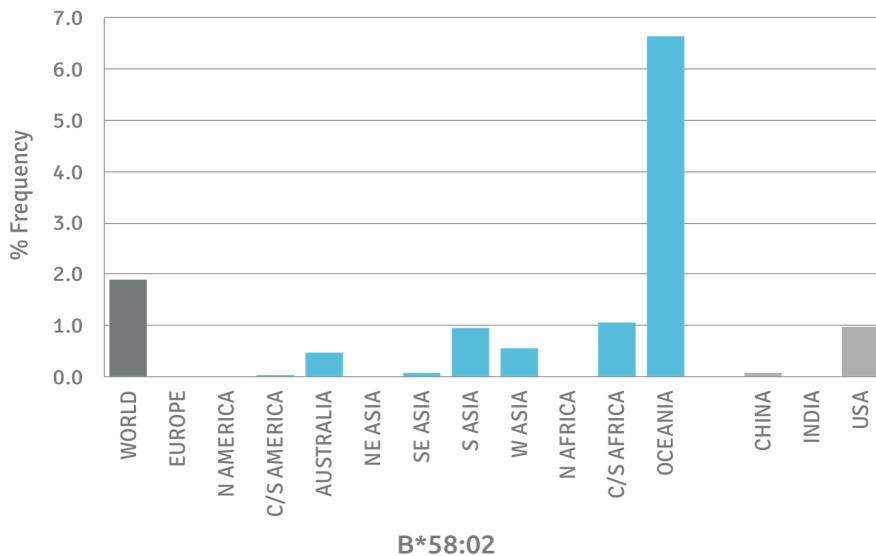
HLA Sandwich ELISAs
 HLA Direct ELISAs
 HLA-Sera Antibody Assays
 HLA Controls in ELISA Assays
 HLA Assay Standards
 HLA Blocking Assays
 HLA Neutralizing Assays
 HLA Competition Assays
 HLA Bead Assays
 HLA Immunization Procedures

Recommended Antibodies

W6/32
 Anti-B2m

Allele Frequency

Worldwide Allele Frequency



Please note:

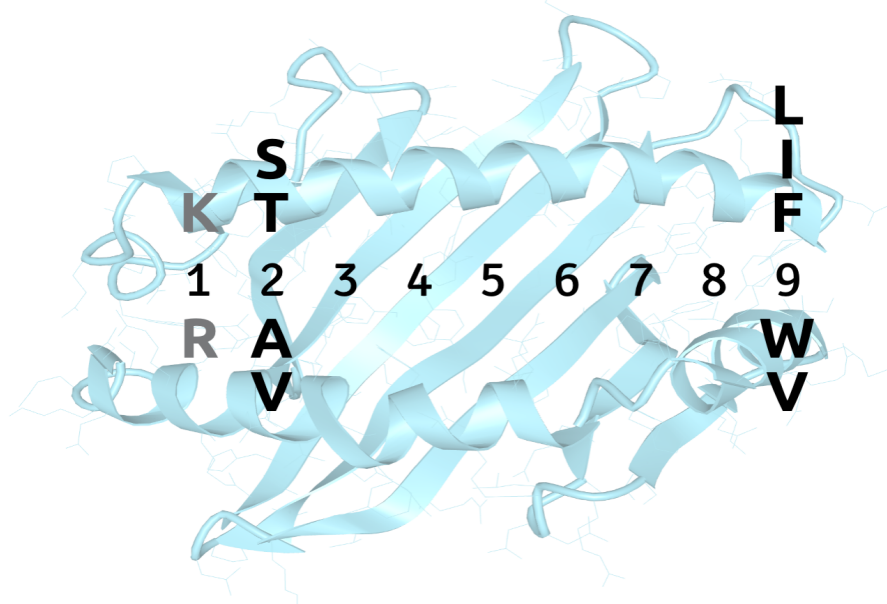
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Motif

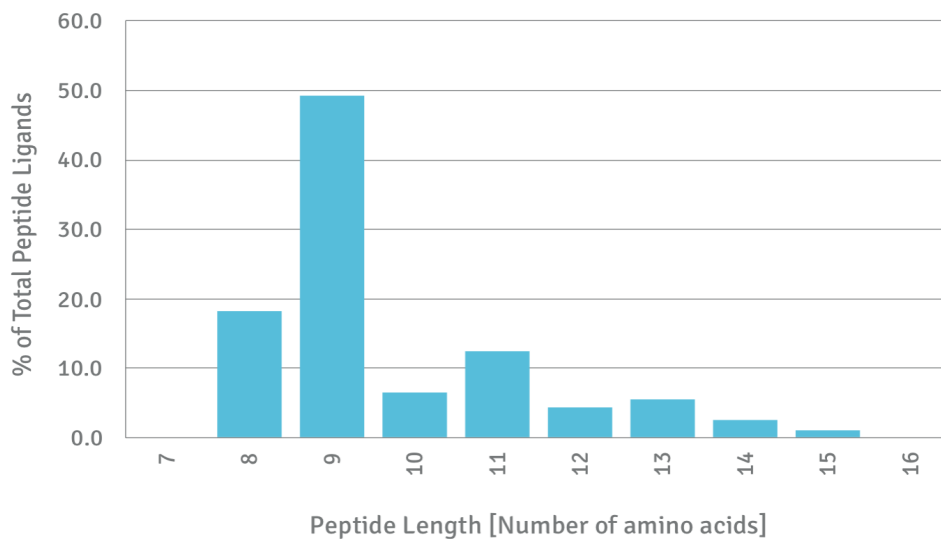
B*58:02 BINDING MOTIF



Length Distribution

HLA Length Distribution

B*58:02



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