

Product datasheet

sHLA-B*27:03bio

B*2703, B2703, B*27, B27, B27



Serological Name	B27
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	B2703bio

Product Description

Allele Name	B*27:03 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-B
Alternative Allele Name A Chain	B*2703, B2703, B*27, B27, B27
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	B27
Serological Split	-
Bw4/Bw6 Assignment	Bw4
Bw4/Bw6 Sequence	DLRTLRR
Allele Frequency [World Population]	
A chain	0.4%
B chain	-

Associated products

[B2703](#)
[B2703pe](#)

Product Specification

Product name	HLA-B*27:03bio
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	E6
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	GSHSMRYFHT SVSRPGRGEP RFITVGYVDD TLFVRFSDSA ASPREEPRAP WIEQEGPEHW DRETQICKAK AQTREDLRT LLRYNQSEA GSHTLQNYG CDVGPDRLL RGYHQDAYDG KDYIALNEDL SSWTAADTAA QITQRKWEAA RVAEQLRAYL EGECVEWLR R YLENGKETLQ RADPPKTHVT HHPISDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDRT FQKWAAVVVP SGEEQRYTCH VQHEGLPKPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPEKDEYAC RVNHVTL SQP KIVKWRDRM

Related Products

[B2701bio](#)
[B2705bio](#)
[B0702bio](#)
[A0101bio](#)

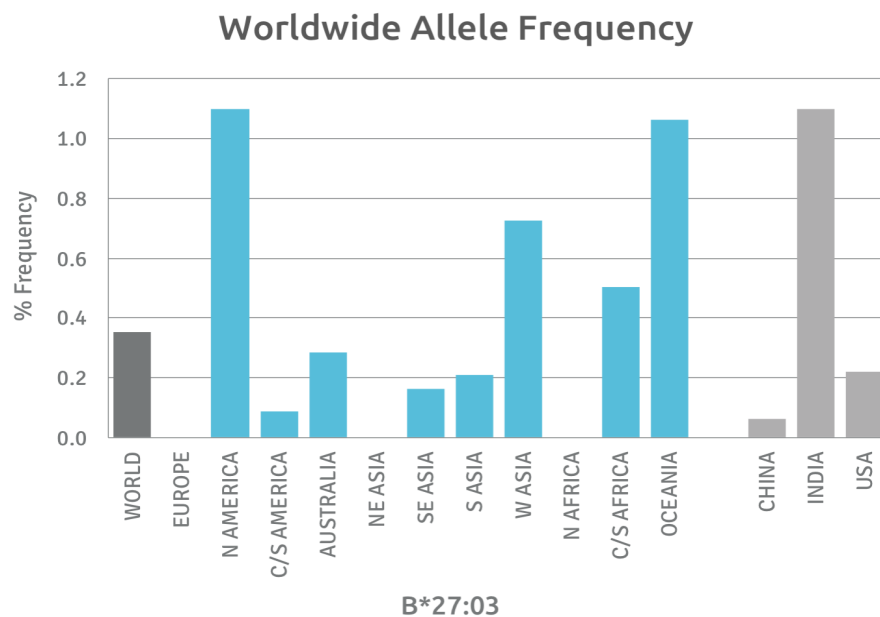
Applications

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



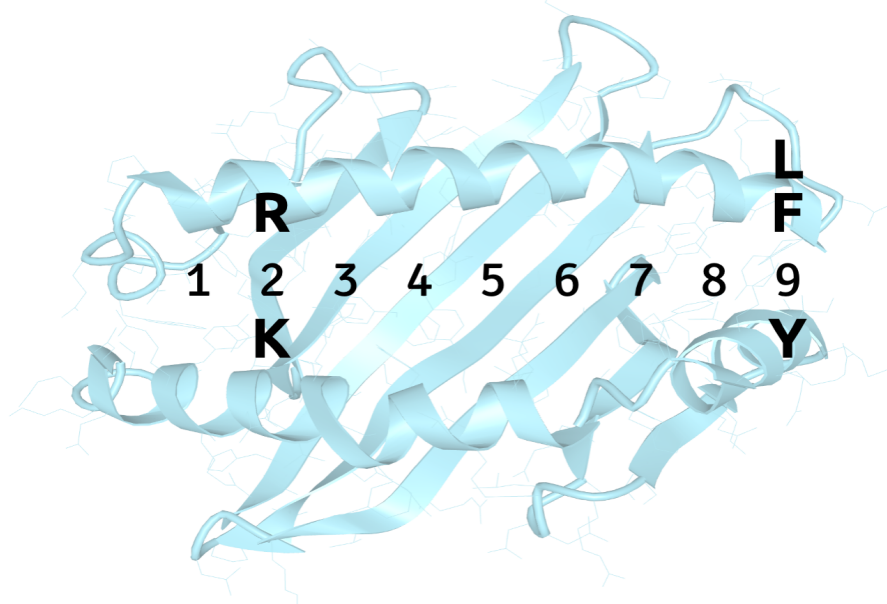
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Motif

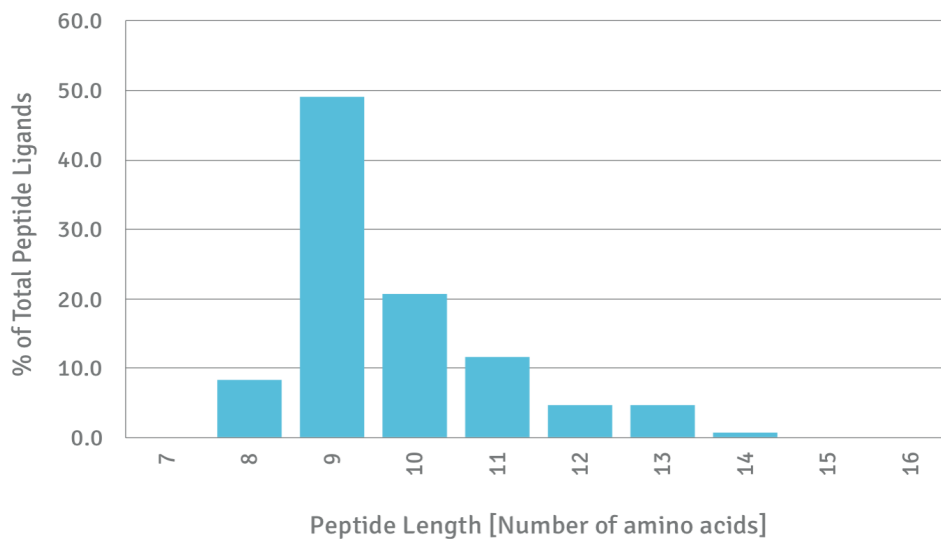
B*27:03 BINDING MOTIF



Length Distribution

HLA Length Distribution

B*27:03



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