

Product datasheet



sHLA-C*01:02

Cw*01:02, Cw*0102, C*0102, C0102
Cw0102, C*01, C01, Cw*01, Cw01, Cw1

Serological Name	Cw1
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	C0102

Product Description

Allele Name	C*01:02 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-C
Alternative Allele Name A Chain	Cw*01:02, Cw*0102, C*0102, C0102, Cw0102, C*01, C01, Cw*01, Cw01, Cw1
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	Cw1
Serological Split	-
Bw4/Bw6 Assignment	Bw6
Bw4/Bw6 Sequence	SLRNLRG
Allele Frequency [World Population]	
A chain	8.2%
B chain	-

Associated products

[C0102bio](#)
[C0102pe](#)

Product Specification

Product name	HLA-C*01:02
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	E2C10
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	CSHSMKYFFT SVSRPGRGEP RFIISVGYVDD TQFVRFDSDA ASPRGEPRAP WVEQEGPEYW DRETQKYKRQ AQTDRVSLRN LRGYYNQSEA GSHTLQWMCG CDLGPDGRLR RGYDQYAYDG KDYIALNEDL RSWTAADTAA QITQRKWEAA REAEQRRAYL EGTCVEWLR R YLENGKETLQ RAEHPKTHVT HHPVSDHEAT LRCWALGFYP AEITLTWQWD GEDQTQDTEL VETRPAGDGT FQKWAAMVMP SGEEQRYTCH VQHEGLPEPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTL SQP KIVKWDRDM

Related Products

[A0201](#)
[A0301](#)
[A2402](#)
[B0702](#)

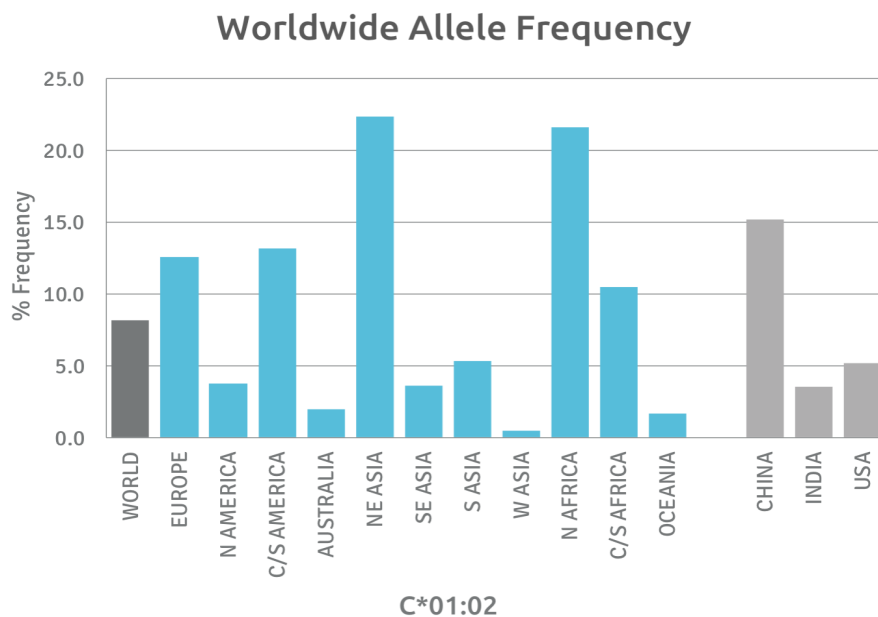
Applications

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



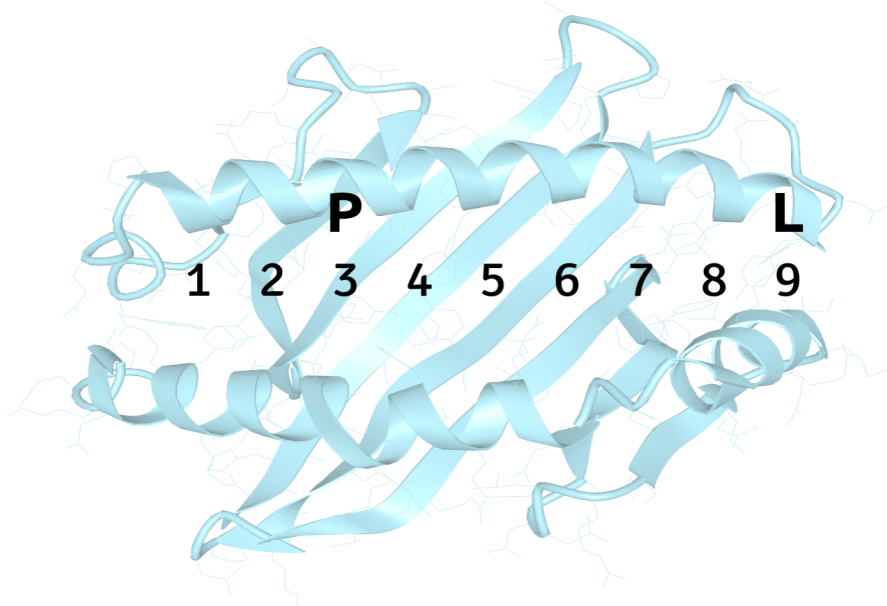
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Motif

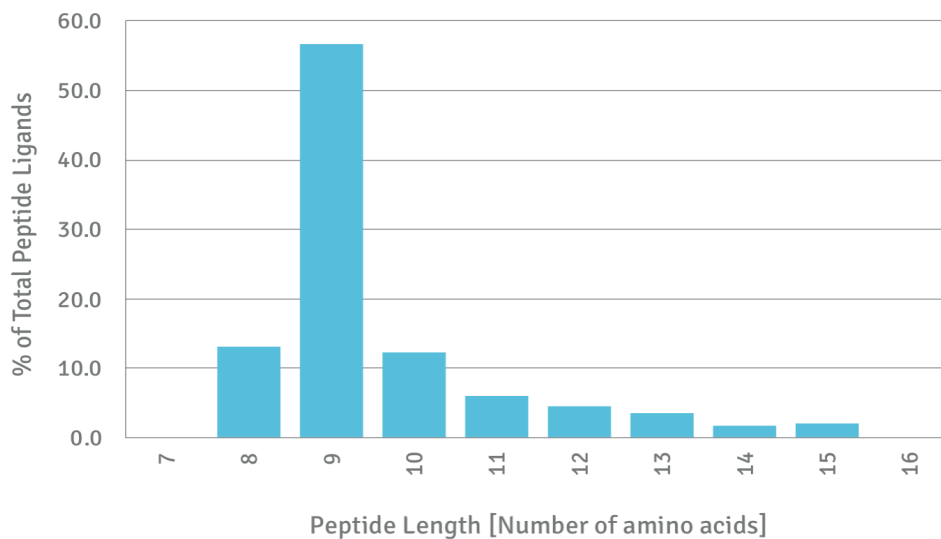
C*01:02 BINDING MOTIF



Length Distribution

HLA Length Distribution

C*01:02



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