

Product datasheet



sHLA-C*05:01

Cw*05:01, Cw*0501, C*0501, C0501
Cw0501, C*05, C05, Cw*05, Cw05, Cw5

Serological Name	Cw5
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	C0501

Product Description

Allele Name	C*05:01 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-C
Alternative Allele Name A Chain	Cw*05:01, Cw*0501, C*0501, C0501, Cw0501, C*05, C05, Cw*05, Cw05, Cw5
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	Cw5
Serological Split	-
Bw4/Bw6 Assignment	-
Bw4/Bw6 Sequence	-
Allele Frequency [World Population]	
A chain	3.8%
B chain	-

Associated products

[C0501bio](#)
[C0501pe](#)

Product Specification

Product name	HLA-C*05:01
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	C7E7
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	CSHSMRYFYT AVSRPGRGEP RFIAVGYVDD TQFVQFSDA ASPRGEPRAP WVEQEGPEYW DRETQKYKRQ AQTDRVNLRK LRGYYNQSEA GSHTLQRMYG CDLGPDGRLR RGYNQFAYDG KDYIALNEDL RSWTAADKAA QITQRKWEAA REAEQRRAYL EGTTCVEWLR R YLENGKKTLLQ RAEHPKTHVT HHPVSDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDGT FQKWAAVVVP SGEEQRYTCH VQHEGLPEPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTLSPQ KIVKWDRDM

Related Products

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

Applications

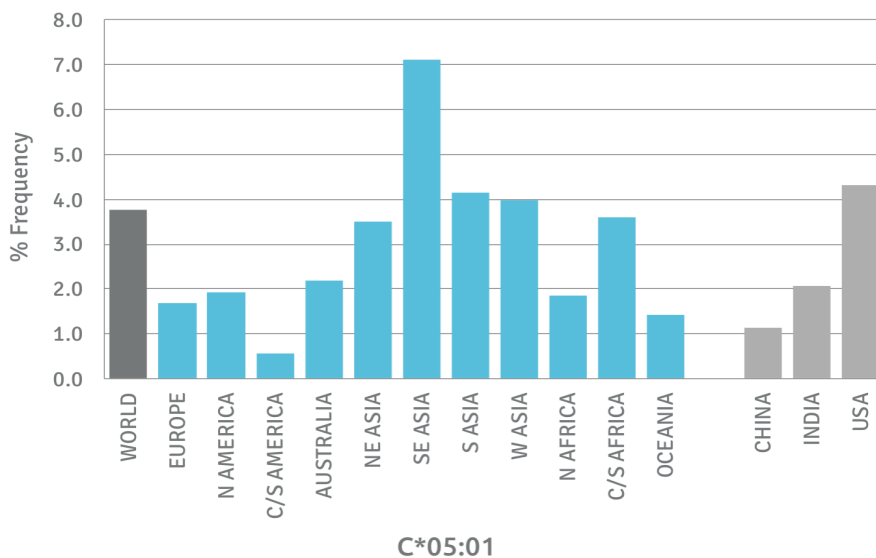
HLA Sandwich ELISAs
 HLA Direct ELISAs
 HLA-Sera Antibody Assays
 HLA Controls in ELISA Assays
 HLA Assay Standards
 HLA Blocking Assays
 HLA Neutralizing Assays
 HLA Competition Assays
 HLA Bead Assays
 HLA Immunization Procedures

Recommended Antibodies

W6/32
 Anti-B2m

Allele Frequency

Worldwide Allele Frequency



Please note:

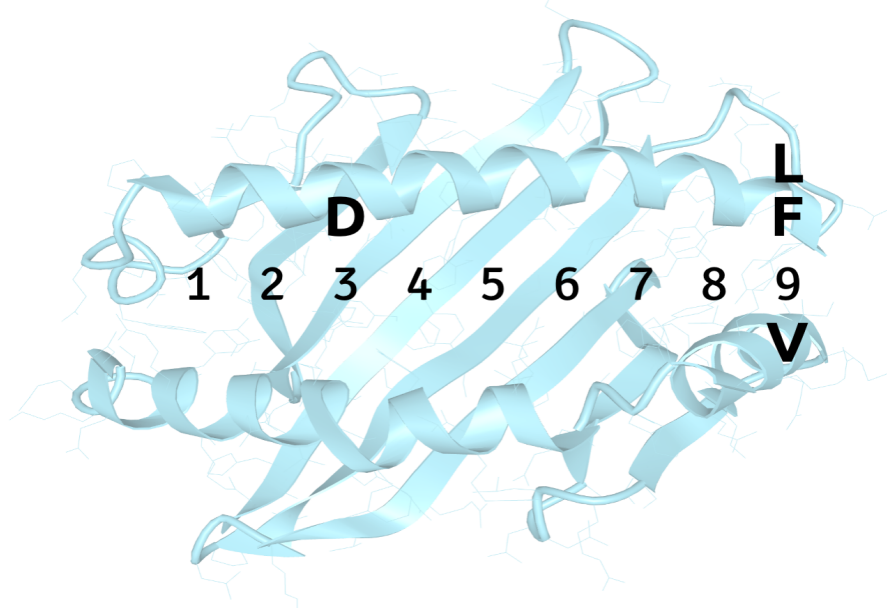
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Motif

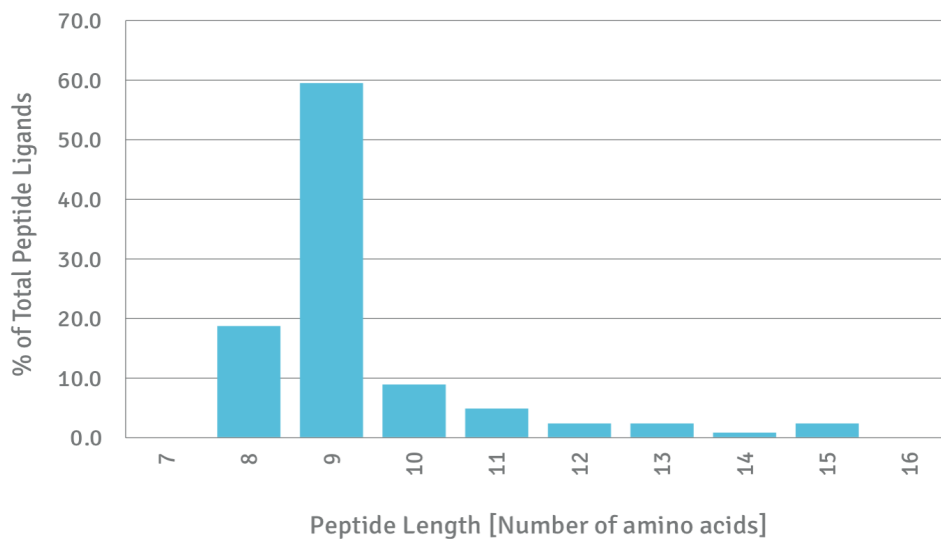
C*05:01 BINDING MOTIF



Length Distribution

HLA Length Distribution

C*05:01



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