

Product datasheet



sHLA-C*04:01bio

Cw*04:01, Cw*0401, C*0401, C0401
Cw0401, C*04, C04, Cw*04, Cw04, Cw4

Serological Name	Cw4
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	C0401bio

Product Description

Allele Name	C*04:01 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-C
Alternative Allele Name A Chain	Cw*04:01, Cw*0401, C*0401, C0401, Cw0401, C*04, C04, Cw*04, Cw04, Cw4
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	Cw4
Serological Split	-
Bw4/Bw6 Assignment	-
Bw4/Bw6 Sequence	-
Allele Frequency [World Population]	
A chain	10.9%
B chain	-

Associated products

[C0401](#)
[C0401pe](#)

Product Specification

Product name	HLA-C*04:01bio
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	B8D9
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	GSHSMRYFST SVSWPGRGEP RFIAVGYVDD TQFVRFSDSA ASPRGEPREP WVEQEGPEYW DRETQKYKRQ AQADRVNLRK LRGYYNQSED GSHTLQRMFG CDLGPDGRLR RGYNQFAYDG KDYIALNEDL RSWTAADTAA QITQRKWEAA REAEQRRAYL EGTCVEWLR R YLENGKETLQ RAEHPKTHVT HHPVSDHEAT LRCWALGFYP AEITLTWQWD GEDQTQDTEL VETRPAGDGT FQKWAAVVVP SGEEQRYTCH VQHEGLPEPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTL SQP KIVKWRDRM

Related Products

[C0403bio](#)
[A0201bio](#)
[A0301bio](#)
[B0702bio](#)

Applications

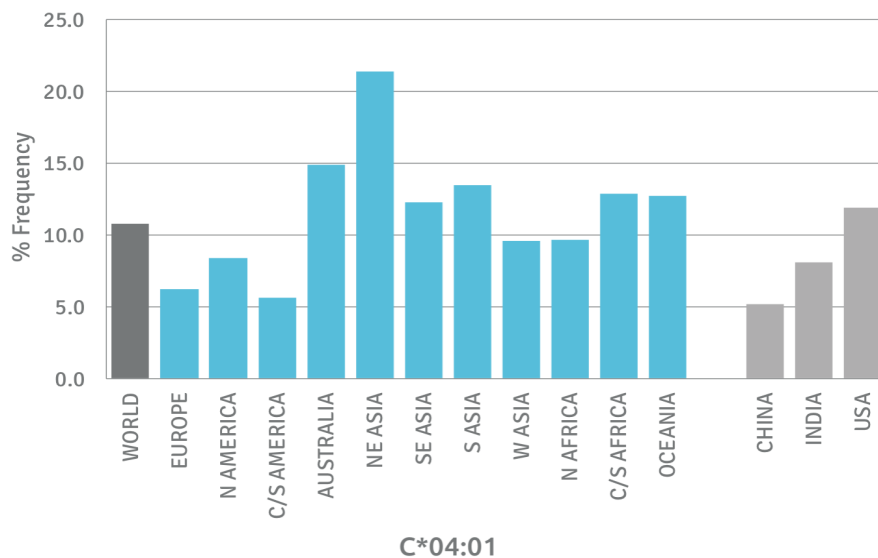
HLA Sandwich ELISAs
 HLA Direct ELISAs
 HLA-Sera Antibody Assays
 HLA Controls in ELISA Assays
 HLA Assay Standards
 HLA Blocking Assays
 HLA Neutralizing Assays
 HLA Competition Assays
 HLA Bead Assays
 HLA Immunization Procedures

Recommended Antibodies

W6/32
 Anti-B2m

Allele Frequency

Worldwide Allele Frequency



Please note:

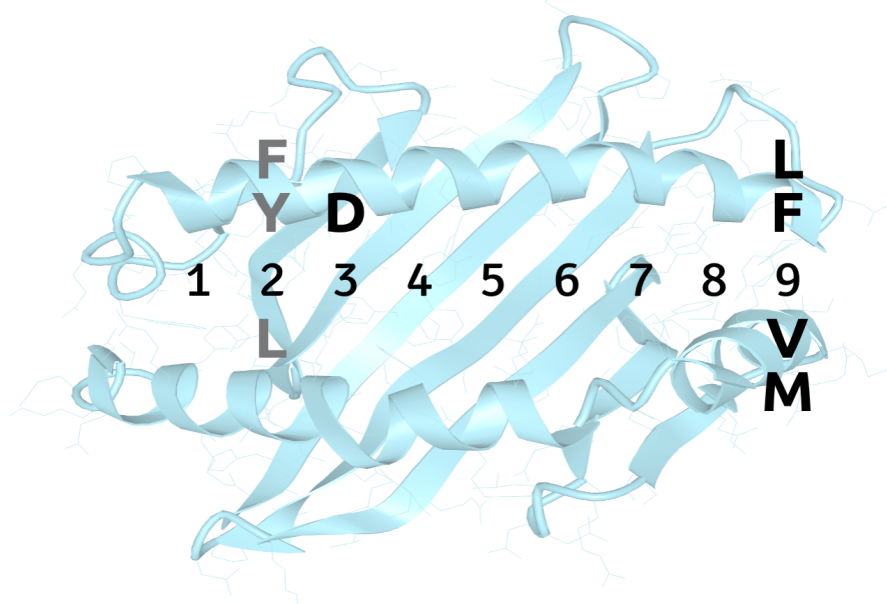
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Motif

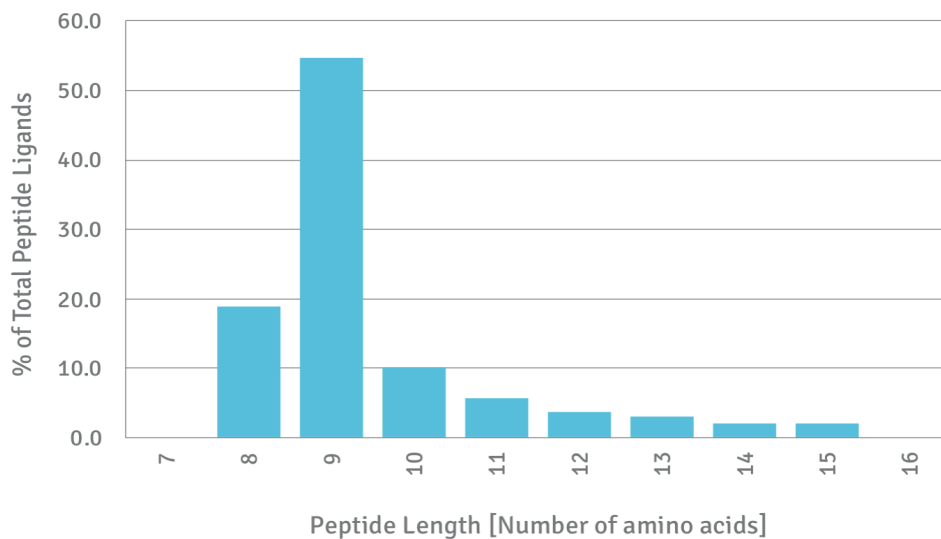
C*04:01 BINDING MOTIF



Length Distribution

HLA Length Distribution

C*04:01



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