

Product datasheet

sHLA-B*14:05

B*1405, B1405, B*14, B14, B14



Serological Name	B14
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	B1405

Product Description

Allele Name	B*14:05 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-B
Alternative Allele Name A Chain	B*1405, B1405, B*14, B14, B14
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	B14
Serological Split	-
Bw4/Bw6 Assignment	Bw6
Bw4/Bw6 Sequence	SLRNLRG
Allele Frequency [World Population]	
A chain	0.2%
B chain	-

Associated products

[B1405bio](#)
[B1405pe](#)

Product Specification

Product name	HLA-B*14:05
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	E4
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/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	GSHSMRYFYT AVSRPGRGEP RFIISVGYVDD TQFVRFDSDA ASPREEPRAP WIEQEGPEYW DRNTQICKTN TQTDRESLRN LRGYYNQSEA GSHTLQSMYG CDVGPDRLL RGYNQFAYDG KDYIALNEDL SSWTAADTAA QITQRKWEAA REAEQLRAYL EGTTCVEWLRH HLENGKETLQ RADPPKTHVT HHPISDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDRT FQKWAAVVVP SGEEQRYTCH VQHEGLPKPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTLSPQ KIVKWRDRM

Related Products

[B1401](#)
[B1402](#)
[A0201](#)
[B0702](#)

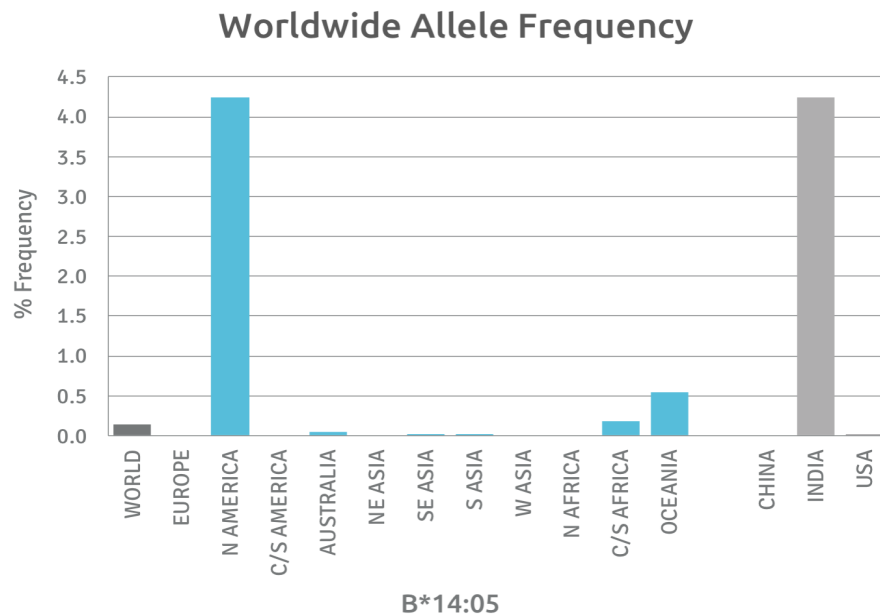
Applications

- 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



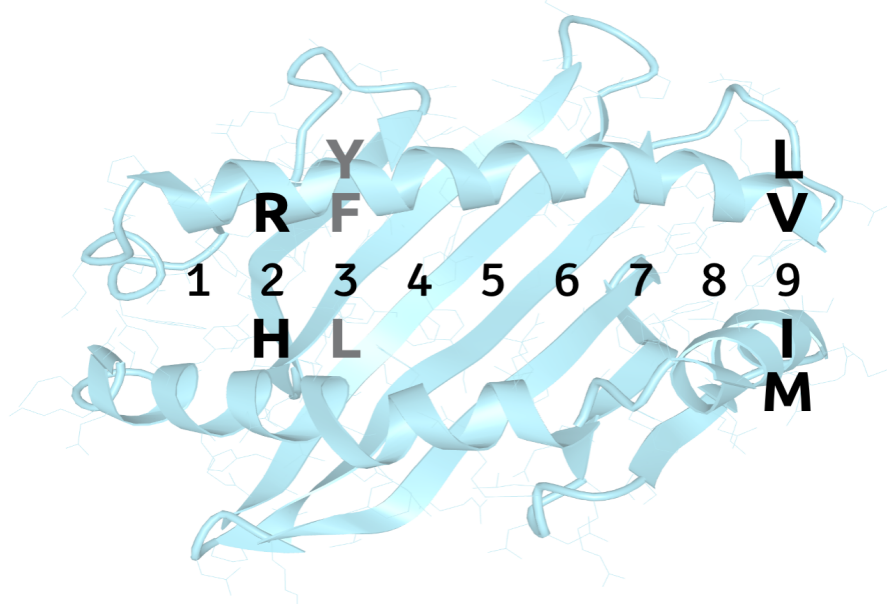
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 HLA Protein
PURE PROTEIN, LLC

Motif

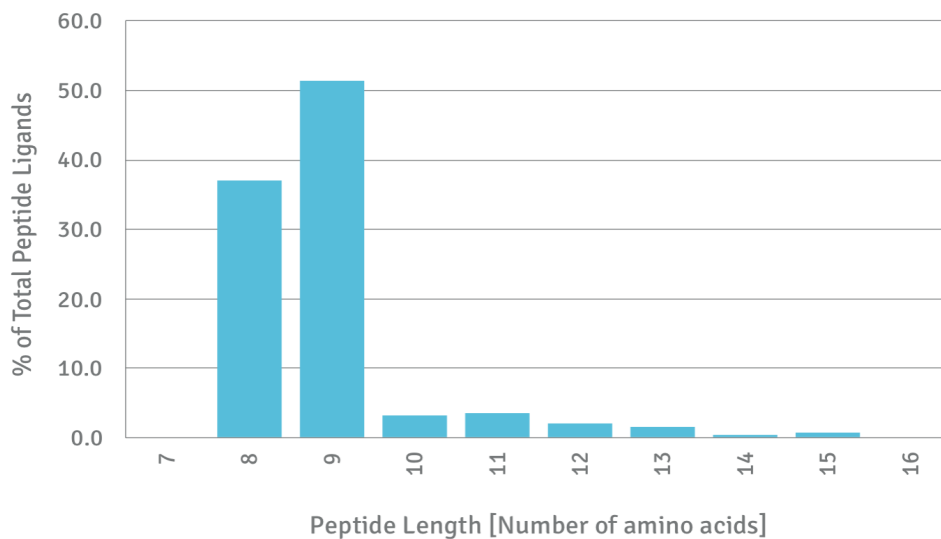
B*14:05 BINDING MOTIF



Length Distribution

HLA Length Distribution

B*14:05



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