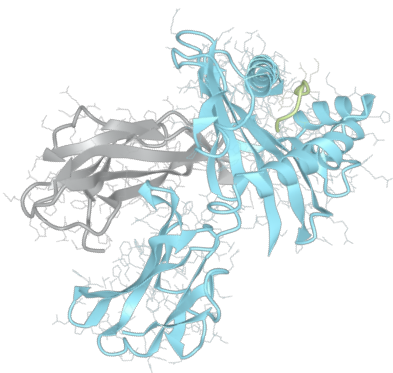


Product datasheet



sHLA-C*07:02

Cw*07:02, Cw*0702, C*0702, C0702
Cw0702, C*07, C07, Cw*07, Cw07, Cw7

Serological Name	Cw7
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	C0702

Product Description

Allele Name	C*07:02 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-C
Alternative Allele Name A Chain	Cw*07:02, Cw*0702, C*0702, C0702, Cw0702, C*07, C07, Cw*07, Cw07, Cw7
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	Cw7
Serological Split	–
Bw4/Bw6 Assignment	Bw6
Bw4/Bw6 Sequence	SLRNLRG
Allele Frequency [World Population]	
A chain	11.8%
B chain	–

Associated products

C0702bio
C0702pe

Product Specification

Product name	HLA-C*07:02
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	B7E3
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	CSHSMRYFDT AVSRPGRGEP RFISVGYVDD TQFVRFSDSA ASPRGEPRAP WVEQEGPEYW DRETQKYKRQ AQADRVSLRN LRGYYNQSED GSHTLQRMMSG CDLGPDRLL RGYDQSAYDG KDYIALNEDL RSWTAADTAA QITQRKLEAA RAAEQLRAYL EGTCVEWLR R YLENGKETLQ RAEPPKTHVT HHPLSDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDGT FQKWAADVVP SGQEQRYTCH MQHEGLQEPL TLSSVVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTLSP KIVKWDRDM

Related Products

[C0701](#)
[C0704](#)
[A0201](#)
[B0702](#)

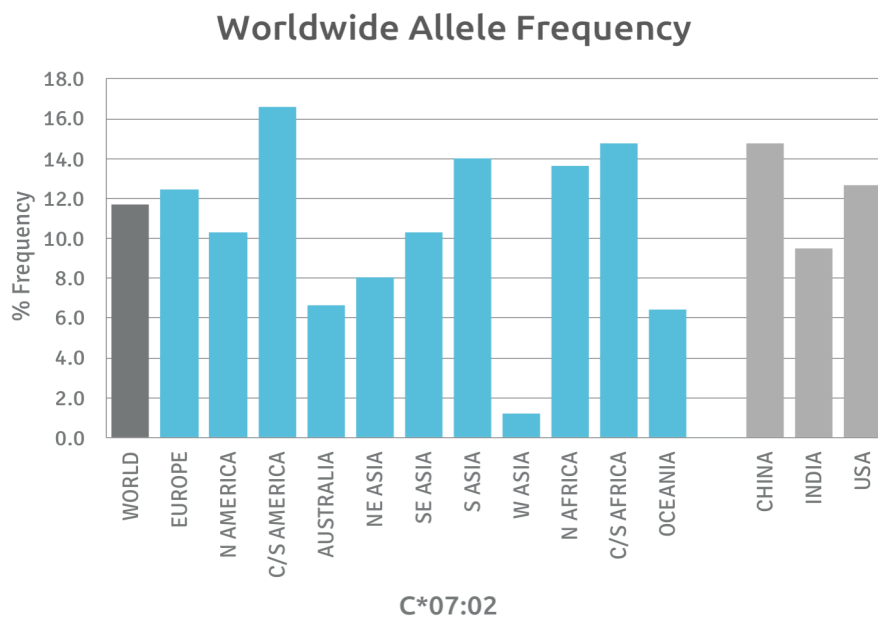
Applications

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



Please note:

ALL PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR COMMERCIAL USE IN DIAGNOSTIC PROCEDURES.

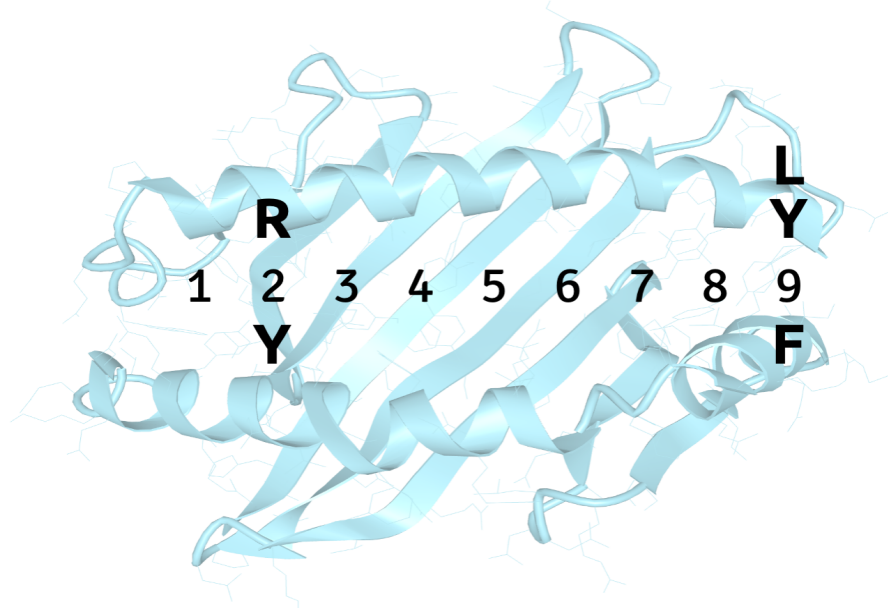
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licensing@hlaprotein.com

 HLA Protein
PURE PROTEIN LLC

Motif

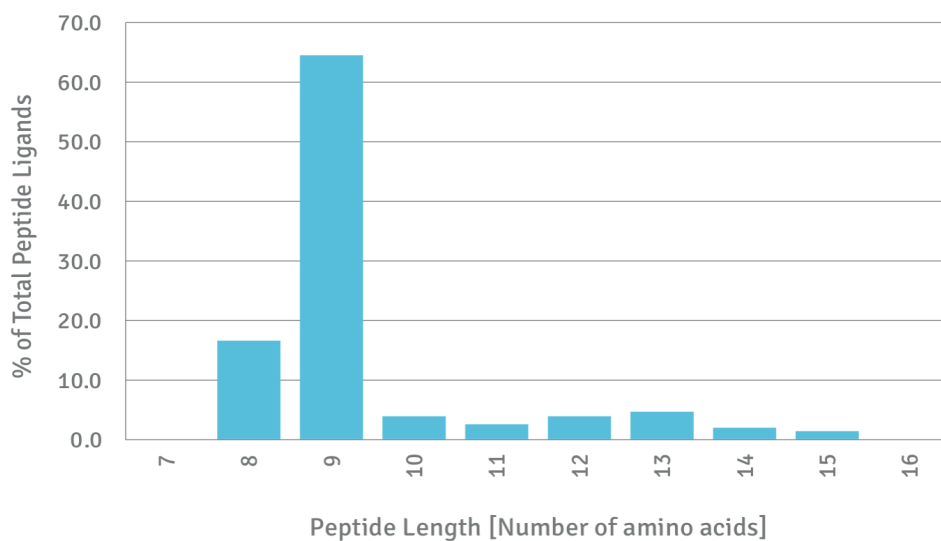
C*07:02 BINDING MOTIF



Length Distribution

HLA Length Distribution

C*07:02



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Eplet Assignments

C*07:02

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