

Product datasheet



sHLA-B*07:02

B*0702, B0702, B*07, B07, B7

Serological Name	B7
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	B0702

Product Description

Allele Name	B*07:02 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-B
Alternative Allele Name A Chain	B*0702, B0702, B*07, B07, B7
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	B7
Serological Split	–
Bw4/Bw6 Assignment	Bw6
Bw4/Bw6 Sequence	SLRNLRG
Allele Frequency [World Population]	
A chain	3.8%
B chain	–

Associated products

[B0702bio](#)
[B0702pe](#)

Product Specification

Product name	HLA-B*07:02
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 SVSRPGRGEP RFISVGYVDD TQFVRFSDA ASPREEPRAP WIEQEGPEYW DRNTQIYKAQ AQTDRESLRN LRGYNQSEA GSHTLQSMYG CDVGPDRLL RGHDQYAYDG KDYIALNEDL RSWTAADTAA QITQRKWEAA REAEQRRAYL EGECVEWLR R YLENGKDKLE RADPPKTHVT HHPISDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDRT FQKWAADVVP SGEEQRYTCH VQHEGLPKPL TLRSVVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTLSP KIVKWDRDM

Related Products

[B2701](#)
[B2703](#)
[B2705](#)
[A0101](#)

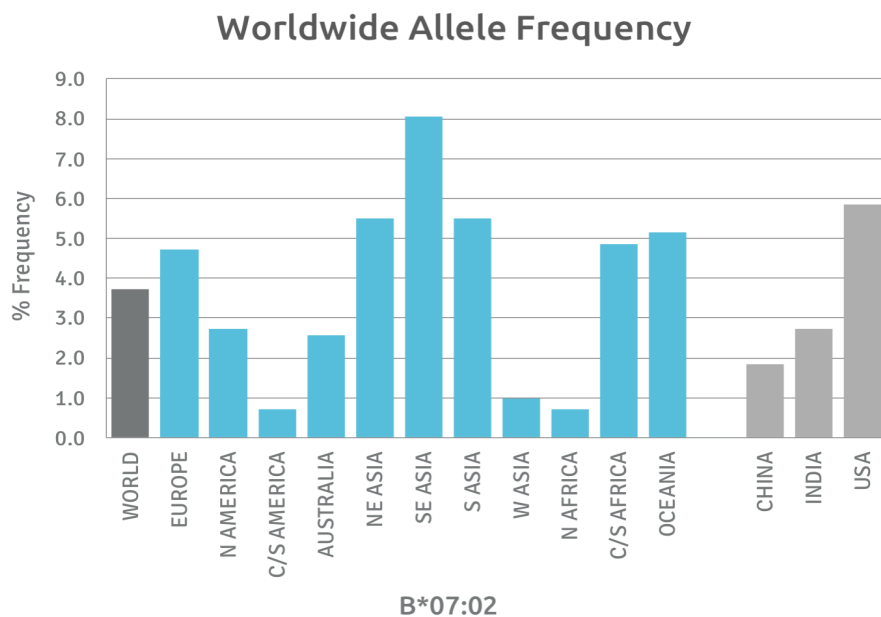
Applications

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.

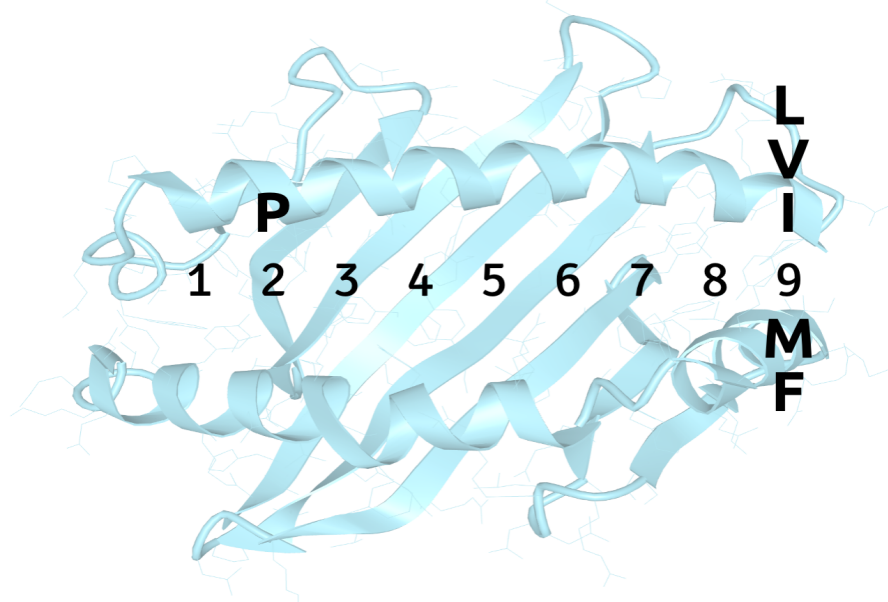
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licensing@hlaprotein.com

 **HLA Protein**
PURE PROTEIN LLC

Motif

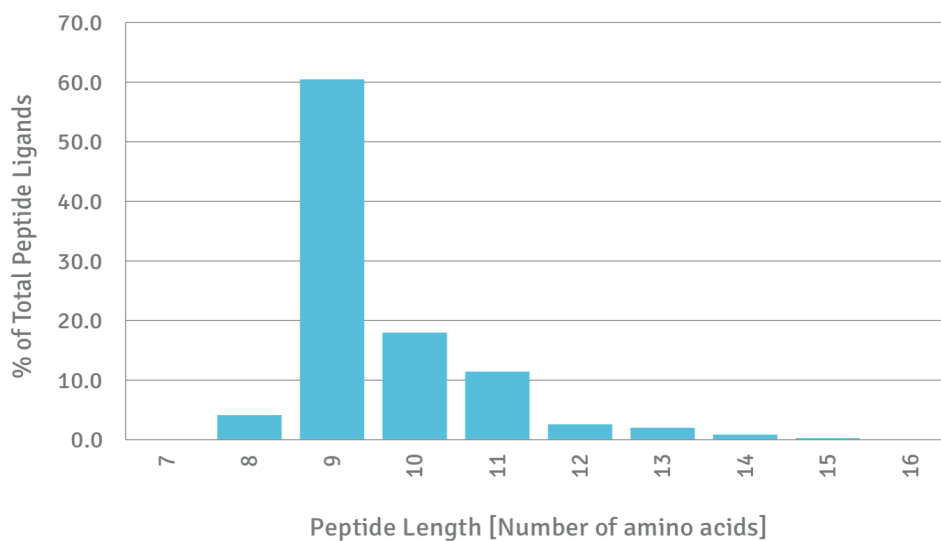
B*07:02 BINDING MOTIF



Length Distribution

HLA Length Distribution

B*07:02



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Eplet Assignments

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