

Product datasheet



sHLA-B*38:01bio

B*3801, B3801, B*38, B38, B38

Serological Name	B38
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	B3801bio

Product Description

Allele Name	B*38:01 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-B
Alternative Allele Name A Chain	B*3801, B3801, B*38, B38, B38
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	B38
Serological Split	B16
Bw4/Bw6 Assignment	Bw4
Bw4/Bw6 Sequence	NLRALR
Allele Frequency [World Population]	
A chain	2.1%
B chain	–

Associated products

[B3801](#)
[B3801pe](#)

Product Specification

Product name	HLA-B*38:01bio
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	H10H1
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	GSHSMRYFYT SVSRPGRGEP RFISVGIVDD TQFVRFSDSA ASPREEPRAP WIEQEGPEYW DRNTQICKTN TQTYRENLR I ALRYNQSEA GSHTLQRMYG CDVGPDRLL RGHNQFAYDG KDYIALNEDL SSWTAADTAA QITQRKWEAA RVAEQLRTYL EGTCVEWLR R YLENGKETLQ RADPPKTHVT HHPISDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDRT FQKWAADVVP SGEEQRYTCH VQHEGLPKPL TLRSVVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTLSPQ KIVKWDRDM

Related Products

[A0201bio](#)
[A0301bio](#)
[A2402bio](#)
[B0702bio](#)

Applications

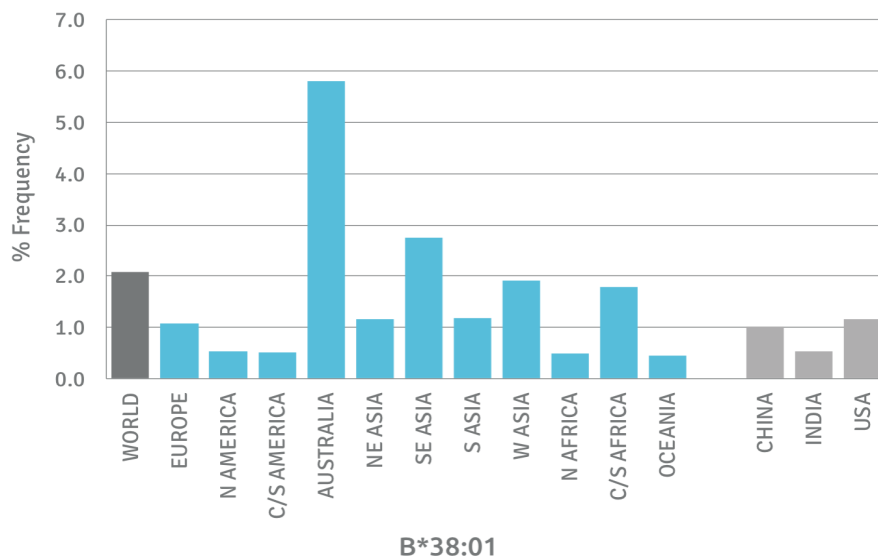
HLA Sandwich ELISAs
 HLA Direct ELISAs
 HLA-Sera Antibody Assays
 HLA Controls in ELISA Assays
 HLA Assay Standards
 HLA Blocking Assays
 HLA Neutralizing Assays
 HLA Competition Assays
 HLA Bead Assays
 HLA Immunization Procedures

Recommended Antibodies

W6/32
 Anti-B2m

Allele Frequency

Worldwide Allele Frequency



Please note:

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

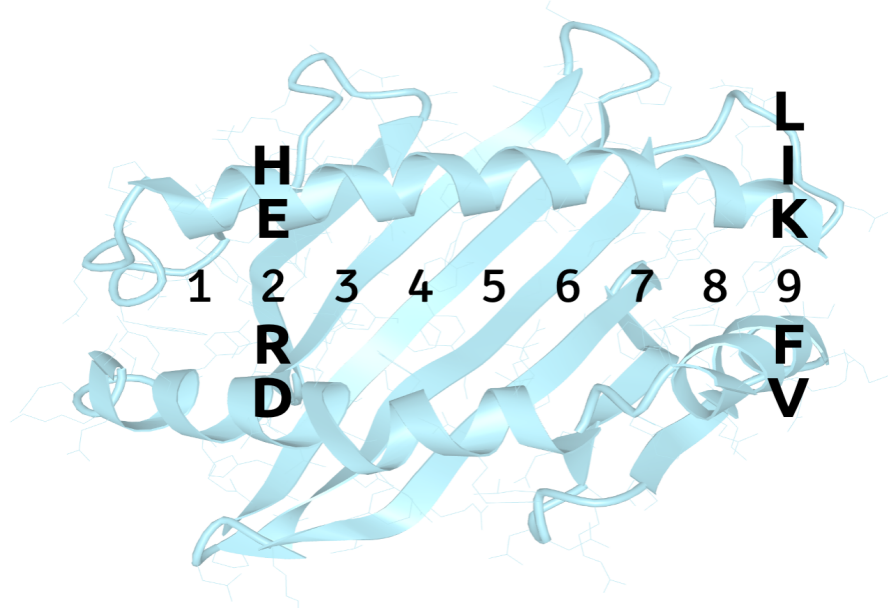
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licensing@hlaprotein.com

HLA Protein
 PURE PROTEIN LLC

Motif

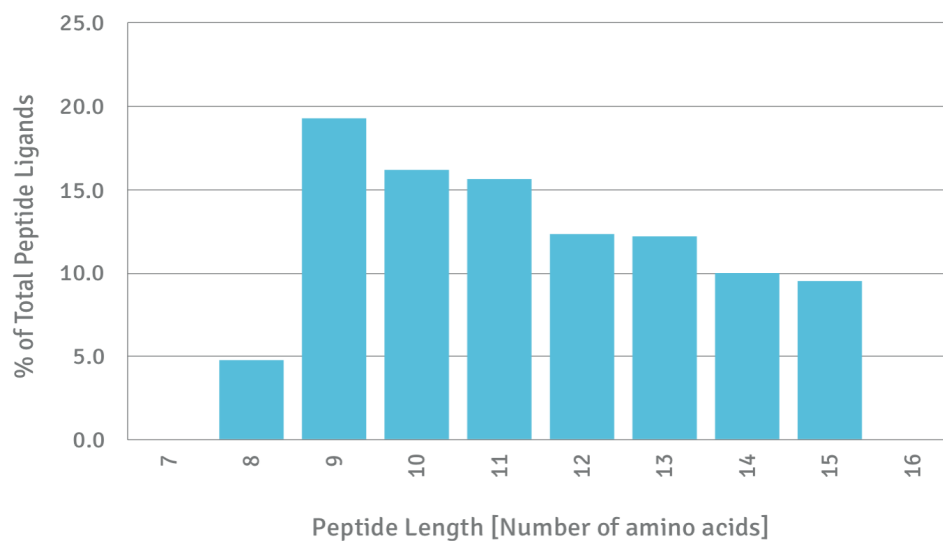
B*38:01 BINDING MOTIF



Length Distribution

HLA Length Distribution

B*38:01



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Eplet Assignments

B*38:01

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