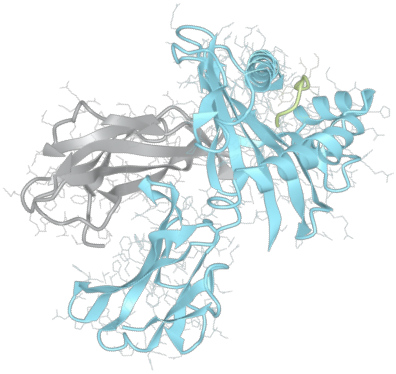
HLA Protein
PURE PROTEIN LLC

Product datasheet



sHLA–B*27:08

B*2708, B2708, B*27, B27, B2708

Serological Name	B2708
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	B2708

Product Description

Allele Name	B*27:08 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-B
Alternative Allele Name A Chain	B*2708, B2708, B*27, B27, B2708
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	B2708
Serological Split	B27/B7
Bw4/Bw6 Assignment	Bw6
Bw4/Bw6 Sequence	SLRNLRG
Allele Frequency [World Population]	
A chain	0.1%
B chain	–

Associated products

B2708bio
B2708pe

Product Specification

Product name	HLA-B*27:08
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	C2G6
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/ml
Formulation	PBS/0.02% Sodium Azide
pH	7.4
Purification Method	Affinity Chromatography
Grade	Research Use Only [RUO]
Authentication Verification	Seqence Based Typing

Protein Sequences

Alpha Chain Sequence	GSHSMRYFHT SVSRPGRGEP RFITVGYVDD TLFVRFDSDA ASPREEPRAP WIEQEGPEYW DRETQICKAK AQTDRESLRN LRGYYNQSEA GSHTLQNMYG CDVGPDGRLL RGYHQDAYDG KDYIALNEDL SSWTAADTAA QITQRKWEAA RVAEQLRAYL EGECVEWLRR YLENGKETLQ RADPPKTHVT HHPISDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDRT FQKWAAVVVP SGEEQRYTCH VQHEGLPKPL TLRSVVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTLSQP KIVKWDRDM

Related Products

B2701
B2705
B0702
A0101

HLA Protein

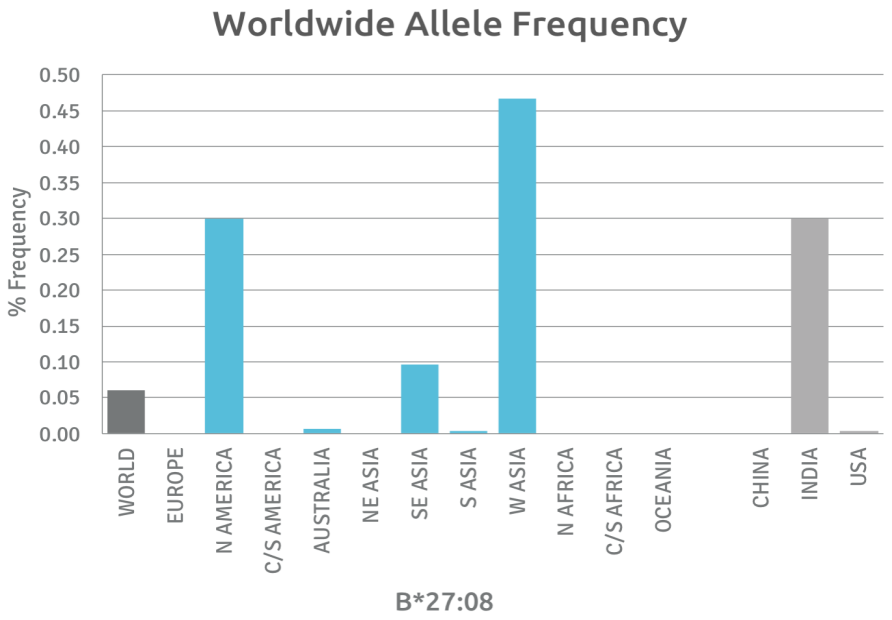
Applications

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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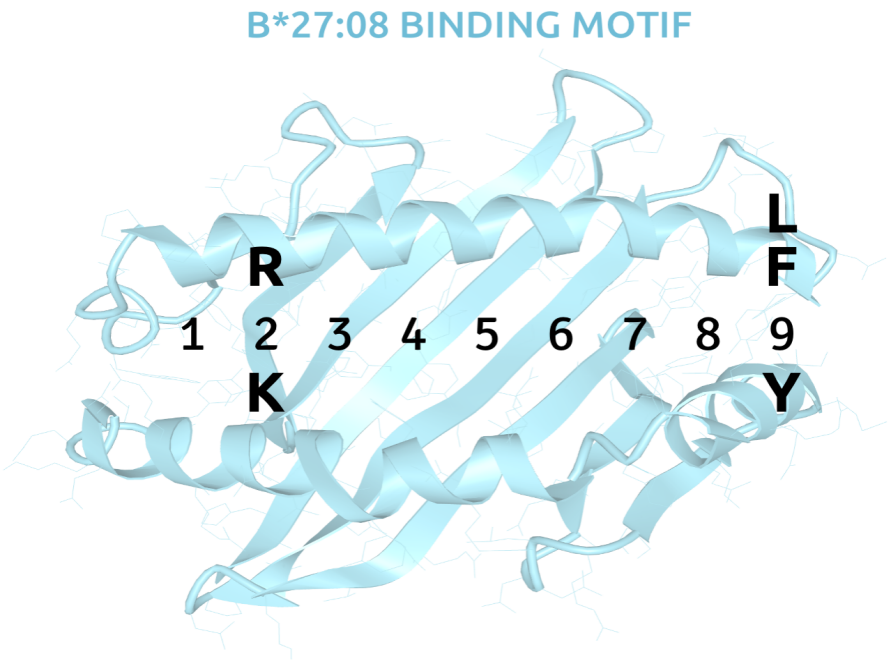
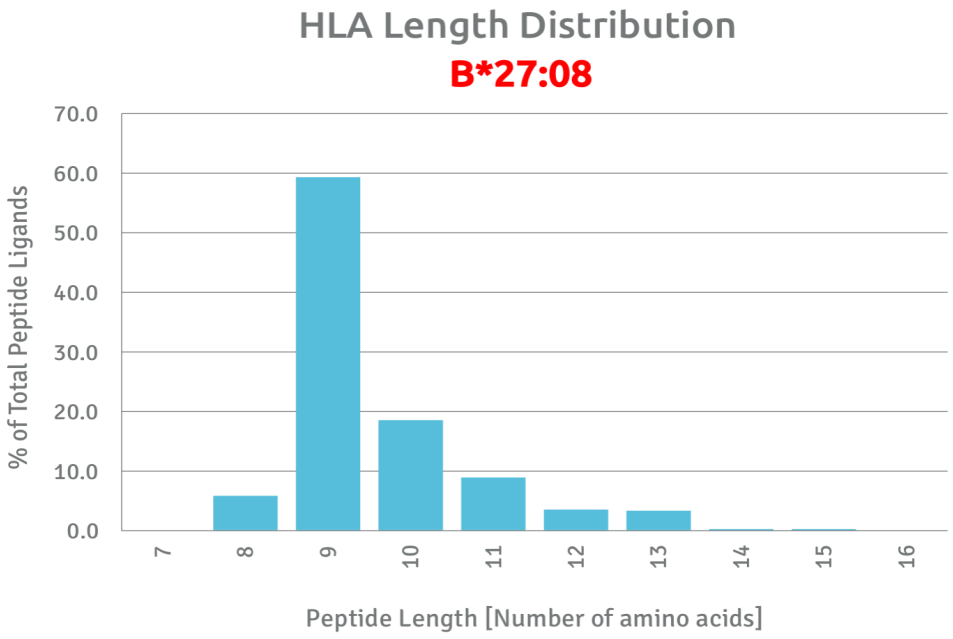
Motif



Length Distribution



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Eplet Assignments B*27:08

Eplet	Polymorphic Residues	Antibody Reactivity
9H	9H	
24T	24T	
32L	32L	
45EE	45E46E	
65QIA	65Q66I69A	Yes
66I	66I	
66IC	66I67C	
69AA	69A71A	Yes
71KA	70K71A	
76ES	76E77S	
76ESN	76E77S80N	Yes
77S	77S	
77SRN	77S79R80N	
80N	80N	Yes
95L	95L	
97N	97N	
99Y	99Y	
114H	114H	
116D	116D	
131S	131S	Yes
151ARV	150A151R152V	
152V	152V	
156L	156L	
163E	163E	
163EW	163E167W	Yes
193PI	193P194I	

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