

Product datasheet



sHLA-A*11:02

A*1102, A1102, A*11, A11, A11

Serological Name	A11
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	A1102

Product Description

Allele Name	A*11:02 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-A
Alternative Allele Name A Chain	A*1102, A1102, A*11, A11, A11
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	A11
Serological Split	-
Bw4/Bw6 Assignment	-
Bw4/Bw6 Sequence	-
Allele Frequency [World Population]	
A chain	1.6%
B chain	-

Associated products

[A1102bio](#)
[A1102pe](#)

Product Specification

Product name	HLA-A*11:02
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	E2C1
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	Sequence Based Typing

Protein Sequences

Alpha Chain Sequence	GSHSMRYFYT SVSRPGRGKP RFIAVGYVDD TQFVRFSDSA ASQRMEPRAP WIEQEGPEYW DQETRNVKAQ SQTDRVDLGT LRGYYNQSED GSHTIQIMYG CDVGPDGRFL RGYRQDAYDG KDYIALNEDL RSWTAADMAA QITKKRWEAA HAAEQRAYL EGRCVEWLR R YLENGKETLQ RTDPPKTHMT HHPISDHEAT LRCWALGFYP AEITLTWQRD GEDQTQDTEL VETRPAGDGT FQKWAAVVVP SGEEQRYTCH VQHEGLPKPL TLRVSVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTL SQP KIVKWDRDM

Related Products

[A0301](#)
[A0101](#)
[A0201](#)
[B0702](#)

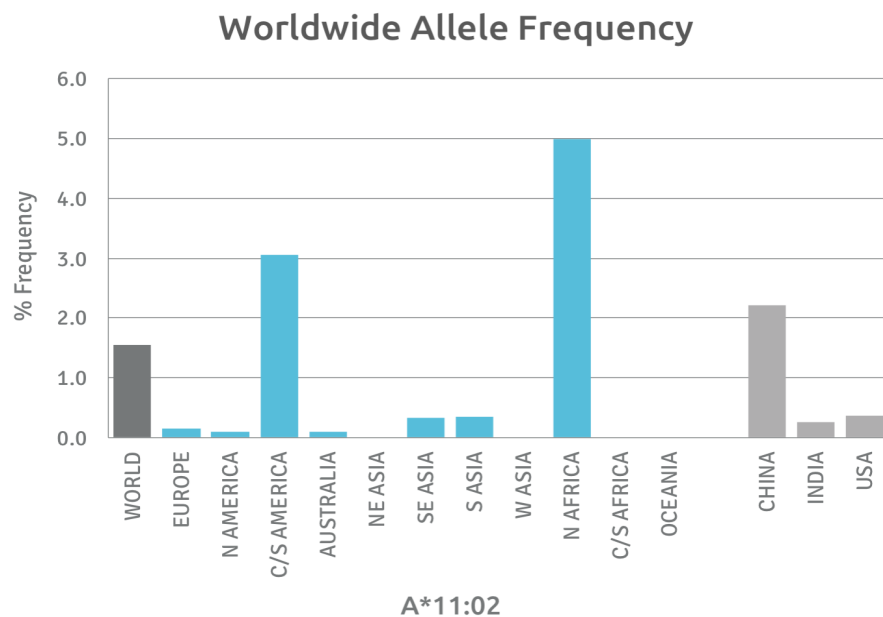
Applications

- 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



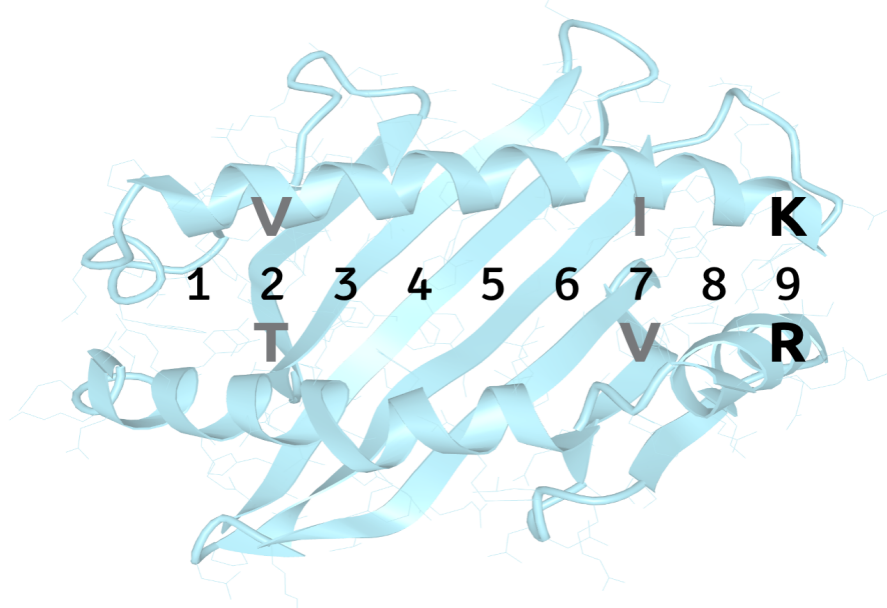
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 HLA Protein
PURE PROTEIN, LLC

Motif

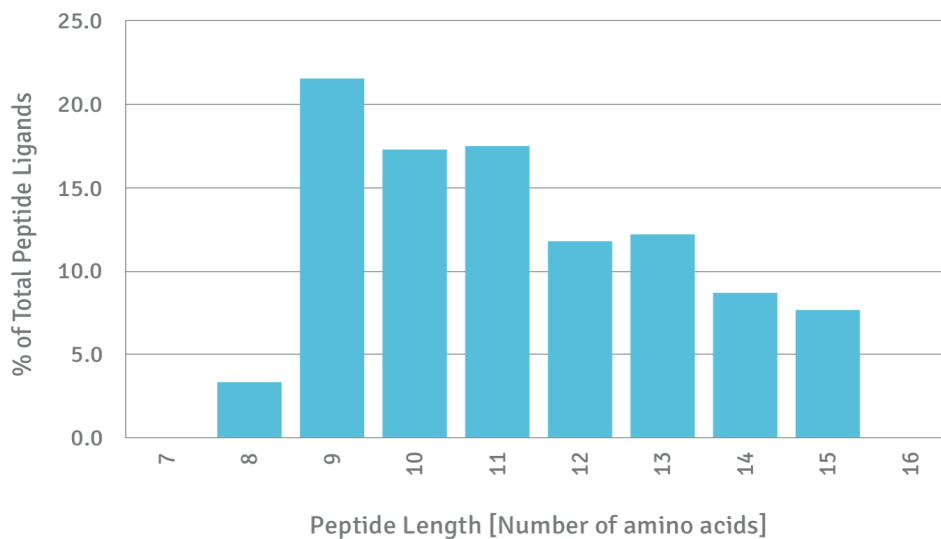
A*11:02 BINDING MOTIF



Length Distribution

HLA Length Distribution

A*11:02



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Eplet Assignments

A*11:02

Eplet	Polymorphic Residues	Antibody Reactivity
9Y	9Y	
19K	19K	
44RM	44R45M	
44RME	44R45M46E(67V)	
62QE	62Q63E	Yes
65RA	65R69A	
65RNA	65R66N69A	Yes
66N	66N	
66NV	66N67V	
71QS	70Q71S	
76VDT	76V77D80T	
77D	77D	
79GT	79G80T	Yes
80T	80T	
80TL	80T81L	
90D	90D	Yes
95I	95I	
97I	97I	
99Y	99Y	
109F	109F	
114R	114R	
116D	116D	
138MI	138M142I	Yes
144K	144K	Yes
144KR	144K145R	Yes
149AH	149A151H	
150AAH	149A150A151H	Yes
150AH	150A151H	
151AHA	150A151H152A	Yes
151H	151H	
152A	152A	
152HA	151H152A	
156QA	156Q158A	
163R	163R	Yes
163RW	163R167W	Yes
193PI	193P194I	
275EL	275E276L	