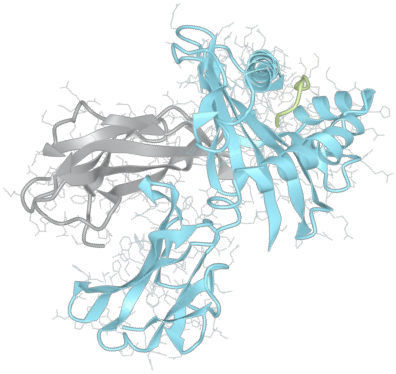
HLA Protein
PURE PROTEIN LLC

Product datasheet



sHLA–A*25:01bio

A*2501, A2501, A*25, A25, A25

Serological Name	A25
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Biotin
SKU	A2501bio

Product Description

Allele Name	A*25:01 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-A
Alternative Allele Name A Chain	A*2501, A2501, A*25, A25, A25
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	A25
Serological Split	A10
Bw4/Bw6 Assignment	Bw4
Bw4/Bw6 Sequence	SLRIALR
Allele Frequency [World Population]	
A chain	1.00%
B chain	–

Associated products

A2501
A2501pe

Product Specification

Product name	HLA-A*25:01bio
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	C11G10
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	Seqence Based Typing

Protein Sequences

Alpha Chain Sequence	GSHSMRYFYT SVSRPGRGEP RFIAVGYVDD TQFVRFDSDA ASQRMEPRAP WIEQEGPEYW DRNTRNVKAH SQTDRESLRI ALRYYNQSED GSHTIQRMYG CDVGPDGRFL RGYQQDAYDG KDYIALNEDL RSWTAADMAA QITQRKWETA HEAEQWRAYL EGRCVEWLRR YLENGKETLQ RTDAPKTHMT HHAVSDHEAT LRCWALSFYP AEITLTWQRD GEDQTQDTEL VETRPAGDGT FQKWASVVVP SGQEQRYTCH VQHEGLPKPL TLRSVVSTDD DLA
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTLSQP KIVKWDRDM

Related Products

A0201bio
A0301bio
A2402bio
B0702bio

HLA Protein

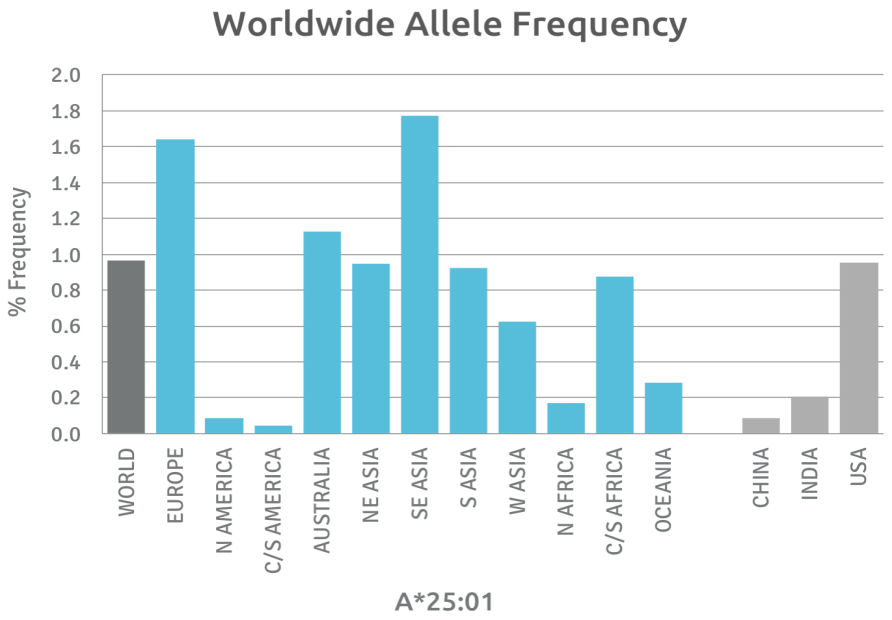
Applications

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

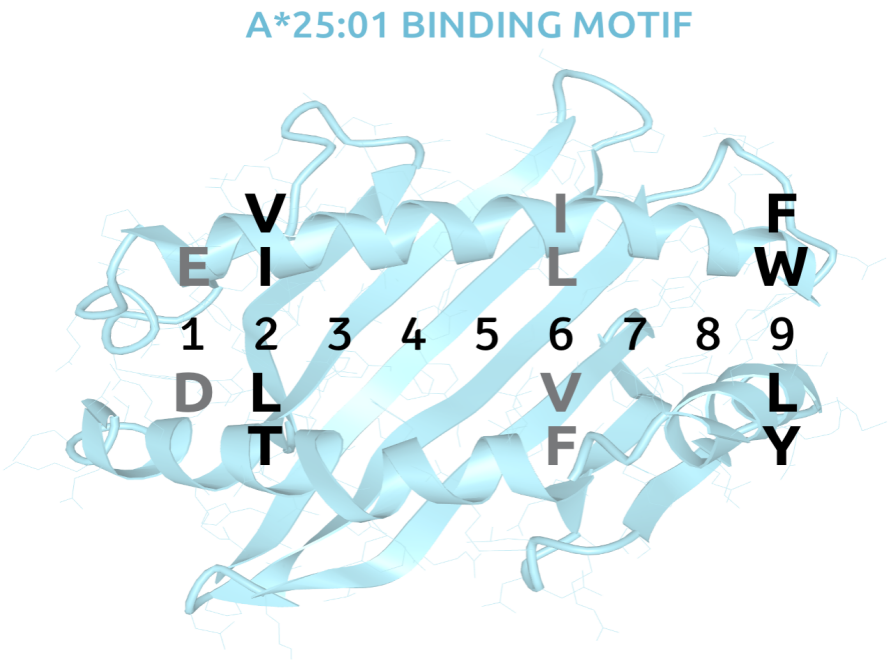
W6/32
Anti-B2m

Allele Frequency

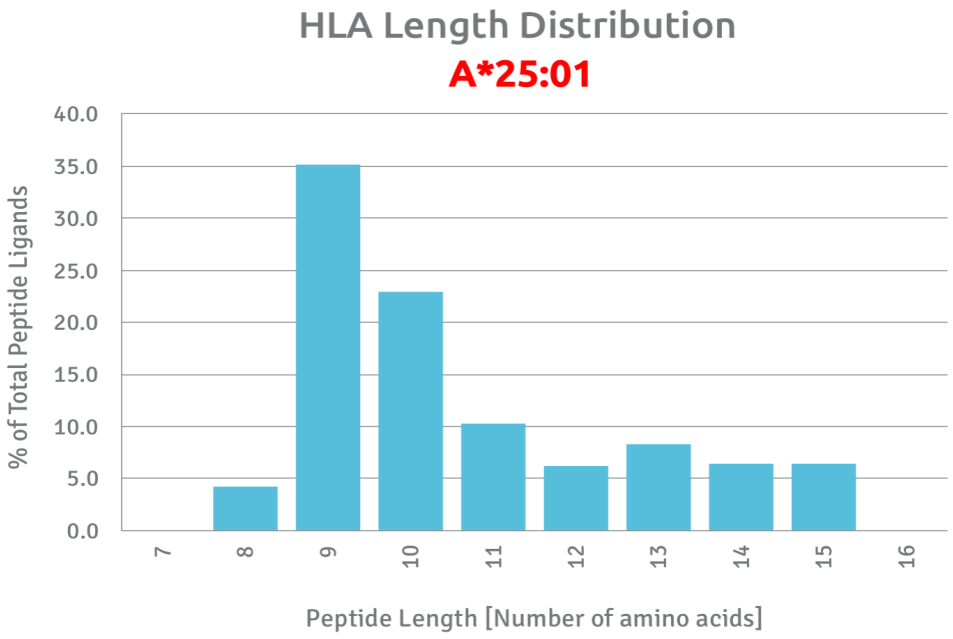


Please note:
ALL PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR COMMERCIAL USE IN DIAGNOSTIC PROCEDURES.
For more information, please visit our Policies section on our website. For licensing inquiries, please contact
licensing@hlaprotein.com
HLA Protein

Motif



Length Distribution



Please note:
ALL PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR COMMERCIAL USE IN DIAGNOSTIC PROCEDURES.
For more information, please visit our Policies section on our website. For licensing inquiries, please contact
licensing@hlaprotein.com

HLA Protein

Eplet Assignments A*25:01

Eplet	Polymorphic Residues	Antibody Reactivity
9Y	9Y	
44RM	44R45M	
44RME	44R45M46E(67V)	
62RN	62R63N	
62RR	62R65R	Yes
65RA	65R69A	
65RNA	65R66N69A	Yes
66N	66N	
66NH	66N70H	
66NV	66N67V	
71HS	70H71S	
76ES	76E77S	
76ESI	76E77S80I	Yes
77S	77S	
80I	80I	Yes
81ALR	81A82L83R	
82LR	82L83R	Yes
90D	90D	Yes
95I	95I	
97R	97R	
99Y	99Y	
109F	109F	
114Q	114Q	
116D	116D	
138MI	138M142I	Yes
145RT	145R149T	Yes
149TAH	149T150A151H	Yes
150AH	150A151H	
151AHE	150A151H152E	
151H	151H	
152E	152E	
156WA	156W158A	
163R	163R	Yes
163RW	163R167W	Yes
184A	184A	
193AV	193A194V	
194V	194V	
207S	207S	
245AS	245A246S	
253Q	253Q	Yes

HLA Protein