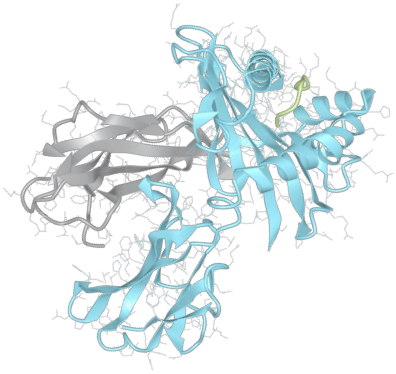
HLA Protein
PURE PROTEIN LLC

Product datasheet



sHLA–A*26:01

A*2601, A2601, A*26, A26, A26

Serological Name	A26
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	A2601

Product Description

Allele Name	A*26:01 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-A
Alternative Allele Name A Chain	A*2601, A2601, A*26, A26, A26
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	A26
Serological Split	A10
Bw4/Bw6 Assignment	–
Bw4/Bw6 Sequence	–
Allele Frequency [World Population]	
A chain	3.5%
B chain	–

Associated products

A2601bio
A2601pe

Product Specification

Product name	HLA-A*26:01
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	F3F2
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	GSHSMRYFYT SVSRPGRGEP RFIAVGYVDD TQFVRFDSDA ASQRMEPRAP WIEQEGPEYW DRNTRNVKAH SQTDRANLGT LRGYYNQSED 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

A0201
A0301
A2402
B0702

HLA Protein

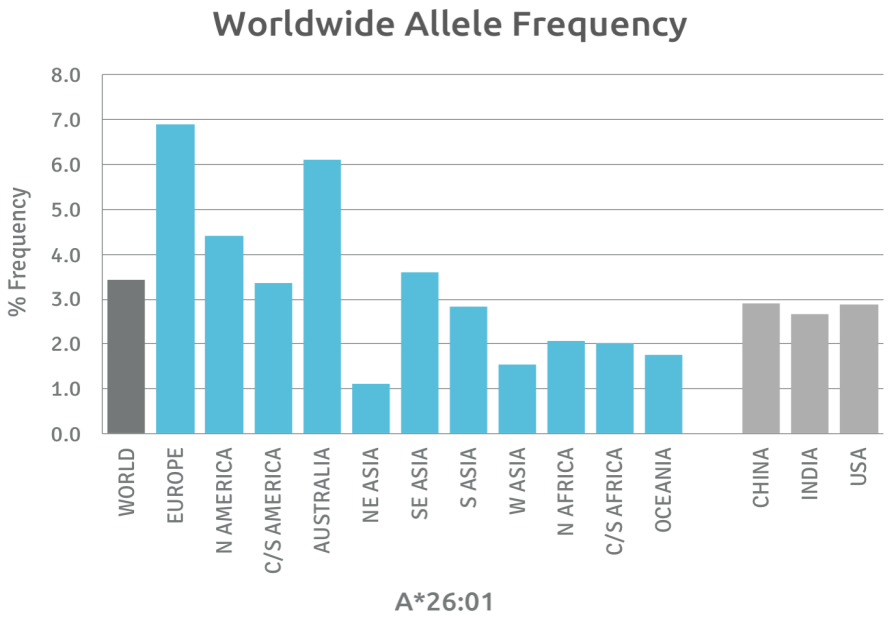
Applications

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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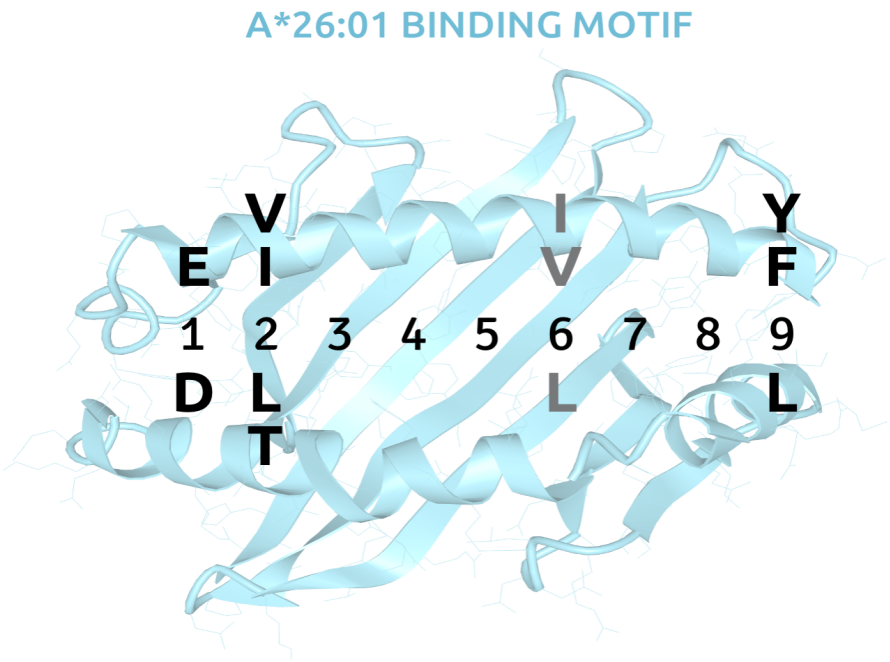
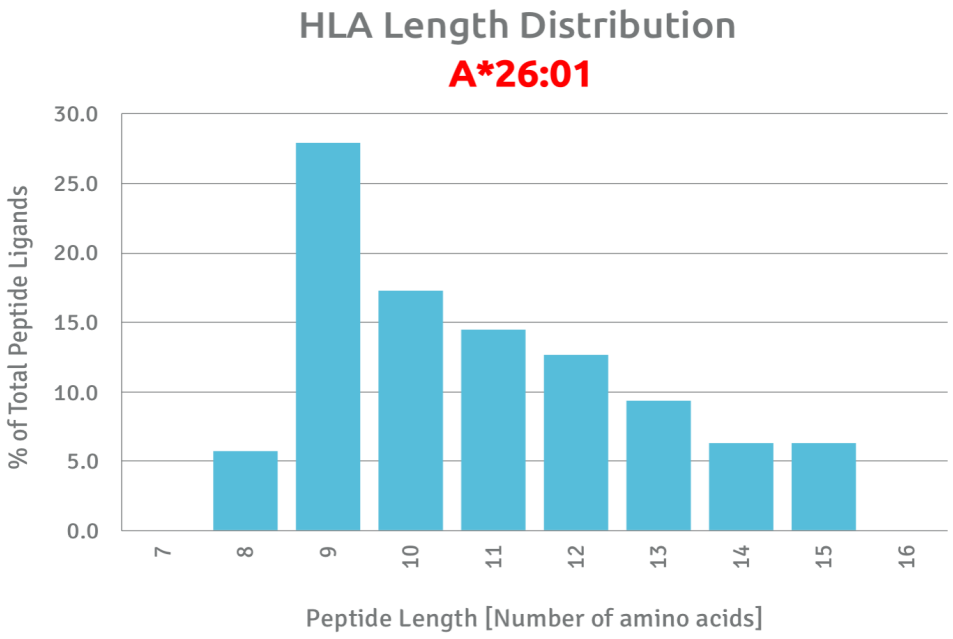
HLA Protein

Motif



Length Distribution



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Eplet Assignments A*26:01

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	
76ANT	76A77N80T	Yes
77N	77N	
77NGT	77N79G80T	
79GT	79G80T	Yes
80T	80T	
80TL	80T81L	
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

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