

Product datasheet



sHLA-G*01:01

G*0101, G0101, G*01, G01, G

Serological Name	-
Peptide Load	Endogenous
Modification	Unmodified
Conjugation	Unconjugated
SKU	G0101

Product Description

Allele Name	G*01:01 B2m
HLA Class	HLA Class I
HLA Gene Locus	HLA-G
Alternative Allele Name A Chain	G*0101, G0101, G*01, G01, G
Alternative Allele Name B Chain	-
Description	Recombinant, truncated Non-Classical Class I soluble Human Leukocyte Antigen (sHLA), naturally folded and glycosylated, loaded with endogenous peptides.
Serological Name	-
Serological Split	-
Bw4/Bw6 Assignment	-
Bw4/Bw6 Sequence	-
Allele Frequency [World Population]	
A chain	66.40%
B chain	-

Associated products

[G0101](#)
[G0101bio](#)

Product Specification

Product name	HLA-G*01:01
HLA Species	Human
Host Cell Line Species	Human
Clone Designation	E3E4
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	GSHSMRYFSA AVSRPGRGEP RFIAMGYVDD TQFVRFDSDS ACPRMEPRAP WVEQEGPEYW EEETRNTKAH AQTDRMNLQT LRGYYNQSEA SSHTLQWMIG CDLGSDGRLL RGYEQYAYDG KDYALNEDL RSWTAADTAA QISKRKCEAA NVAEQRRAYL EGTCVEWLHR YLENGKEMLQ RADPPKTHVT HHPVFDYEAT LRCWALGFYP AEIILTQWRD GEDQTQDVLE VETRPAGDGT FQKWAADVVP SGEEQRYTCH VQHEGLPEPL MLRWSVVSTD DDLA .
Beta Chain Sequence	IQRTPKIQVY SRHPAENGKS NFLNCYVSGF HPSDIEVDLL KNGERIEKVE HSDLSFSKDW SFYLLYYTEF TPTEKDEYAC RVNHVTLSPQ KIVKWDRDM

Related Products

[A0101tetr](#)
[A0201tetr](#)
[A0301tetr](#)
[B0702tetr](#)

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
Anti-HLA-G [87G]

Please note:

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