

HLA-B Protein, Human (His)

Cat. No.:	HY-P71699
Synonyms:	HLA-B protein; MHC class I antigen; HLA-B
Species:	Human
Source:	E. coli
Accession:	Q96DW9 (G25-I308)
Gene ID:	/
Molecular Weight:	Approximately 36.8 kDa

PROPERTIES

AA Sequence	<pre> G S H S M R Y F Y T A M S R P G R G E P R F I S V G Y V D D T Q F V R F D S D A A S P R E E P R A P W I E Q E G P E Y W D R N T Q I C K T N T Q T Y R E S L R N L R G Y Y N Q S E A G S H T L Q R M Y G C D V G P D G R L L R G H D Q Y A Y D G K D Y I A L N E D L S S W T A A D T A A Q I T Q R K W E A A R E A E Q L R A Y L E G L C V E W L R R Y L E N G K E T L Q R A D P P K T H V T H H P I S D H E A T L R C W A L G F Y P A E I T L T W Q R D G E D Q T Q D T E L V E T R P A G D R T F Q K W A A V V V P S G E E Q R Y T C H V Q H E G L P K P L T L R W E P S S Q S T I P I </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in PBS, 6% Trehalose, pH 7.4.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	HLA-B belongs to the major histocompatibility complex (MHC) class I family.
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Caution: Product has not been fully validated for medical applications. For research use only.

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