

LILRA6/CD85b/ILT8 Protein, Human (HEK293, N-His)

Cat. No.:	HY-P700607
Synonyms:	Leukocyte immunoglobulin-like receptor subfamily A member 6; LILRA6; Immunoglobulin-like transcript 8; ILT-8; Leukocyte Ig-like receptor; ILT8; Leukocyte Immunoglobulin-like Receptor A6
Species:	Human
Source:	HEK293
Accession:	Q6PI73 (G24-N447)
Gene ID:	79168
Molecular Weight:	55-85 kDa

PROPERTIES

AA Sequence	<pre> G P F P K P T L W A E P G S V I S W G S P V T I W C Q G S L E A Q E Y Q L D K E G S P E P L D R N N P L E P K N K A R F S I P S M T Q H H A G R Y R C H Y Y S S A G W S E P S D P L E L V M T G F Y N K P T L S A L P S P V V A S G G N M T L R C G S Q K G Y H H F V L M K E G E H Q L P R T L D S Q Q L H S G G F Q A L F P V G P V T P S H R W R F T C Y Y Y Y T N T P R V W S H P S D P L E I L P S G V S R K P S L L T L Q G P V L A P G Q S L T L Q C G S D V G Y D R F V L Y K E G E R D F L Q R P G Q Q P Q A G L S Q A N F T L G P V S P S H G G Q Y R C Y G A H N L S S E W S A P S D P L N I L M A G Q I Y D T V S L S A Q P G P T V A S G E N V T L L C Q S R G Y F D T F L L T K E G A A H P P L R L R S M Y G A H K Y Q A E F P M S P V T S A H A G T Y R C Y G S Y S S N P H L L S F P S E P L E L M V S G H S G G S S L P P T G P P S T P A S H A K D Y T V E N </pre>
Biological Activity	Measured in a cell proliferation assay using Jurkat human T-lymphocyte leukemia cells. The ED ₅₀ for this effect is 0.2214 μg/ml, corresponding to a specific activity is 4.52×10 ³ units/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.2 μm filtered solution of PBS, 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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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

LILRA6/CD85b/ILT-8 Protein appears to function as a receptor for class I MHC antigens, suggesting a pivotal role in immune recognition and regulation. Its ability to interact with class I MHC molecules indicates its involvement in monitoring and potentially modulating immune responses. As a receptor, LILRA6 may contribute to the precise recognition of cells presenting class I MHC antigens, thereby influencing immune activities. Further exploration of LILRA6's interactions and its impact on immune signaling could deepen our understanding of its role as a receptor and its potential implications in immune surveillance and regulatory mechanisms.

Caution: Product has not been fully validated for medical applications. For research use only.

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