

ILT6 Protein, Human (HEK293, His)

Cat. No.:	HY-P70162
Synonyms:	rHuLeukocyte immunoglobulin-like receptor subfamily A member 3/ILT6, His; Leukocyte immunoglobulin-like receptor subfamily A member 3; CD85 antigen-like family member E; Immunoglobulin-like transcript 6; ILT-6; Leukocyte immunoglobulin-like receptor 4; LIR-4 and Monocyte inhibitory receptor HM43/HM31
Species:	Human
Source:	HEK293
Accession:	AAH28208.1 (T19-E439)
Gene ID:	11026
Molecular Weight:	Approximately 70.0 kDa

PROPERTIES

AA Sequence	<pre> T H V Q A G P L P K P T L W A E P G S V I T Q G S P V T L R C Q G S L E T Q E Y H L Y R E K K T A L W I T R I P Q E L V K K G Q F P I L S I T W E H A G R Y C C I Y G S H T A G L S E S S D P L E L V V T G A Y S K P T L S A L P S P V V T S G G N V T I Q C D S Q V A F D G F I L C K E G E D E H P Q C L N S H S H A R G S S R A I F S V G P V S P S R R W S Y R C Y G Y D S R A P Y V W S L P S D L L G L L V P G V S K K P S L S V Q P G P V V A P G E K L T F Q C G S D A G Y D R F V L Y K E W G R D F L Q R P G R Q P Q A G L S Q A N F T L G P V S R S Y G G Q Y T C S G A Y N L S S E W S A P S D P L D I L I T G Q I R A R P F L S V R P G P T V A S G E N V T L L C Q S Q G G M H T F L L T K E G A A D S P L R L K S K R Q S 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 L S S N P Y L L T H P S D P L E L V V S G A A E T L S P P Q N K S D S K A G E </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 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

LILRA3/CD85e/ILT6 acts as a soluble receptor for class I MHC antigens, binding both classical and non-classical HLA class I molecules, although with reduced affinities compared to LILRB1 or LILRB2. This protein exhibits a high-affinity interaction with the surface of monocytes, resulting in the suppression of LPS-induced TNF-alpha production by monocytes.

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

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