

LILRA1/LIR-6/CD85i Protein, Human (HEK293, His)

Cat. No.:	HY-P77440
Synonyms:	Leukocyte immunoglobulin-like receptor subfamily A member 1; CD85 antigen-like family member I
Species:	Human
Source:	HEK293
Accession:	O75019-1 (P17-N461)
Gene ID:	11024
Molecular Weight:	Approximately 70-75 kDa due to the glycosylation

PROPERTIES

AA Sequence	<pre> P R T H V Q A G T L P K P T L W A E P G S V I T Q G S P V T L W C Q G I L E T Q E Y R L Y R E K K T A P W I T R I P Q E I V K K G Q F P I P S I T W E H T G R Y R C F Y G S H T A G W S E P S D P L E L V V T G A Y I K P T L S A L P S P V V T S G G N V T L H C V S Q V A F G S F I L C K E G E D E H P Q C L N S Q P R T H G W S R A I F S V G P V S P S R R W S Y R C Y A Y D S N S P H V W S L P S D L L E L L V L G V S K K P S L S V Q P G P I V A P G E S L T L Q C V S D V S Y D R F V L Y K E G E R D F L Q L P G P Q P Q A G L S Q A N F T L G P V S R S Y G G Q Y R C S G A Y N L S S E W S A P S D P L D I L I A G Q F R G R P F I S V H P G P T V A S G E N V T L L C Q S W G P F H T F L L T K A G A A D A P L R L R S I H E Y P K Y Q A E F P M S P V T S A H S G T Y R C Y G S L S S N P Y L L S H P S D S L E L M V S G A A E T L S P P Q N K S D S K A G A A N T L S P S Q N K T A S H P Q D Y T V E N </pre>
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human LILRA1 at 2 µg/mL (100 µL/well) can bind Human ANGPTL7, The ED ₅₀ for this effect is 1.143 µg/mL.
Appearance	Lyophilized powder
Formulation	Lyophilized from 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

LILRA1/LIR-6/CD85i Protein appears to serve as a receptor for class I MHC antigens, indicating a crucial role in immune recognition and response. Its interaction with class I MHC molecules suggests involvement in monitoring and potentially influencing immune activities. Operating as a receptor, LILRA1 may contribute to the fine-tuned recognition of cells presenting class I MHC antigens, thereby playing a key role in immune surveillance. Further investigation into LILRA1's interactions and its impact on immune signaling could deepen our understanding of its function as a receptor and its potential implications in immune surveillance and regulatory processes.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA