

LILRA5/CD85f Protein, Human (HEK293, His)

Cat. No.:	HY-P72521
Synonyms:	Leukocyte immunoglobulin-like receptor subfamily A member 5; LILRA5; ILT-11; LIR-9; CD85f; LILRB7
Species:	Human
Source:	HEK293
Accession:	A6NI73 (G42-R268)
Gene ID:	353514
Molecular Weight:	35-40 kDa

PROPERTIES

AA Sequence	G N L S K A T L W A E P G S V I S R G N S V T I R C Q G T L E A Q E Y R L V K E G S P E P W D T Q N P L E P K N K A R F S I P S M T E H H A G R Y R C Y Y Y S P A G W S E P S D P L E L V V T G F Y N K P T L S A L P S P V V T S G E N V T L Q C G S R L R F D R F I L T E E G D H K L S W T L D S Q L T P S G Q F Q A L F P V G P V T P S H R W M L R C Y G S R R H I L Q V W S E P S D L L E I P V S G A A D N L S P S Q N K S D S G T A S H L Q D Y A V E N L I R
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	LILRA5/CD85f Protein is suggested to potentially play a role in triggering innate immune responses, indicating its involvement in the early defense mechanisms against pathogens. However, it does not appear to have a role in recognizing any class I major histocompatibility complex (MHC) antigens. This distinctive feature suggests that LILRA5/CD85f may exert its immune-modulating effects through pathways independent of class I MHC antigen recognition, highlighting its unique role in the intricate landscape of innate immune responses. The specific molecular mechanisms underlying its participation in triggering innate immunity remain to be fully elucidated, warranting further exploration into its functional significance in
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the context of the immune system.

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

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