

LILRB3/CD85a Protein, Mouse (HEK293, C-His)

Cat. No.:	HY-P77064A
Synonyms:	Leukocyte immunoglobulin-like receptor subfamily B member 3; LIR-3; ILT-5; CD85a
Species:	Mouse
Source:	HEK293
Accession:	AAC53219 (S25-Y640)
Gene ID:	18733
Molecular Weight:	Approximately 90 kDa

PROPERTIES

AA Sequence

S L P K P I L R V Q	P D S V V S R W T K	V T F F C E E T I G	A N E Y R L Y K D G
K L Y K T V T K N K	Q K P A N K A E F S	L S N V D L R N A G	Q Y R C S Y S T Q Y
K S S G Y S D P L E	L V V T G D Y W T P	S L L A Q A S P V V	T S G G Y V T L Q C
E S W H N D H K F I	L T V E G P Q K L S	W T Q D S Q Y N Y S	T R K Y H A L F S V
G P V T P N Q R W I	C R C Y S Y D R N R	P Y V W S P P S E S	V E L L V S G N L Q
K P T I K A E P G P	V I A S K R A M T I	W C Q G N L D A E V	Y F L H N E G S Q K
T Q S T Q T L Q Q P	G N K G K F F I P S	M T R Q H A G Q Y R	C Y C Y G S A G W S
Q P S D T L E L V V	T G I Y E H Y K P R	L S V L P S P V V T	A G G N M T L H C A
S D F H Y D K F I L	T K E D K K F G N S	L D T E H I S S S R	Q Y R A L F I I G P
T T P T H T G T F R	C Y G Y F K N A P Q	L W S V P S D L Q Q	I L I S G L S K K P
S L L T H Q G H I L	D P G M T L T L Q C	Y S D I N Y D R F A	L H K V G G A D I M
Q H S S Q Q T D T G	F S V A N F T L G Y	V S S S T G G Q Y R	C Y G A H N L S S E
W S A S S E P L D I	L I T G Q L P L T P	S L S V K P N H T V	H S G E T V S L L C
W S M D S V D T F I	L S K E G S A Q Q P	L R L K S K S H D Q	Q S Q A E F S M S A
V T S H L S G T Y R	C Y G A Q N S S F Y	L L S S A S A P V E	L T V S G P I E T S
T P P P T M S M P L	G G L H M Y		

Biological Activity Measured by its binding ability in a functional ELISA. When Recombinant Mouse CD85a is present at 2 µg/mL can bind Recombinant Human ANGPTL7. The ED₅₀ for this effect is 730.8 ng/mL.

Appearance Lyophilized powder

Formulation Lyophilized from a 0.22 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 ddH₂O. 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.

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

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