

SCARB2/LIMP-2 Protein, Human (HEK293, His)

Cat. No.:	HY-P71278
Synonyms:	Lysosome Membrane Protein 2; 85 kDa Lysosomal Membrane Sialoglycoprotein; LGP85; CD36 Antigen-Like 2; Lysosome Membrane Protein II; LIMP II; Scavenger Receptor Class B Member 2; CD36; SCARB2; CD36L2; LIMPII
Species:	Human
Source:	HEK293
Accession:	Q14108 (R27-T432)
Gene ID:	950
Molecular Weight:	62-100 kDa

PROPERTIES

AA Sequence	<div> R V F Q K A V D Q S I E K K I V L R N G T E A F D S W E K P P L P V Y T Q F Y F F N V T N P E E I L R G E T P R V E E V G P Y T Y R E L R N K A N I Q F G D N G T T I S A V S N K A Y V F E R D Q S V G D P K I D L I R T L N I P V L T V I E W S Q V H F L R E I I E A M L K A Y Q Q K L F V T H T V D E L L W G Y K D E I L S L I H V F R P D I S P Y F G L F Y E K N G T N D G D Y V F L T G E D S Y L N F T K I V E W N G K T S L D W W I T D K C N M I N G T D G D S F H P L I T K D E V L Y V F P S D F C R S V Y I T F S D Y E S V Q G L P A F R Y K V P A E I L A N T S D N A G F C I P E G N C L G S G V L N V S I C K N G A P I I M S F P H F Y Q A D E R F V S A I E G M H P N Q E D H E T F V D I N P L T G I I L K A A K R F Q I N I Y V K K L D D F V E T G D I R T M V F P V M Y L N E S V H I D K E T A S R L K S M I N T T </div>
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

SCARB2/LIMP-2 Protein serves as a lysosomal receptor specifically responsible for targeting glucosylceramidase (GBA1) to the lysosomes. Additionally, in the context of microbial infection, it acts as a receptor for enterovirus 71, highlighting its role in facilitating cellular interactions during viral invasion and cellular entry processes.

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

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