

LAMP2/CD107b Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P77434
Synonyms:	Lysosome-Associated Membrane Glycoprotein 2; LAMP-2; CD107b
Species:	Cynomolgus
Source:	HEK293
Accession:	G7Q3L7 (L29-F376)
Gene ID:	102119735
Molecular Weight:	64-68 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
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	LAMP2/CD107b protein belongs to the LAMP family, placing it within a group of proteins known for their involvement in lysosomal-associated membrane glycoproteins. As a member of the LAMP family, LAMP2 likely plays a crucial role in cellular processes related to lysosomal function, vesicle trafficking, and cellular homeostasis. Further investigation is necessary to unveil the specific functions and implications of LAMP2 within the broader context of the LAMP family, shedding light on its significance in maintaining cellular integrity and the regulation of lysosomal activities.
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Caution: Product has not been fully validated for medical applications. For research use only.

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