

## LMAN2L Protein, Human (304a.a, HEK293, His)

Cat. No.:	HY-P76473
Synonyms:	VIP36-like protein; Lectin mannose-binding 2-like; LMAN2-like protein; VIPL
Species:	Human
Source:	HEK293
Accession:	Q9H0V9 (M1-A304)
Gene ID:	81562
Molecular Weight:	Approximately 32 kDa.

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ 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/ $\mu$ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> 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	The LMAN2L protein appears to play a crucial role in cellular processes, potentially participating in the regulation of export from the endoplasmic reticulum (ER) for a specific subset of glycoproteins. Its involvement in the intricate process of glycoprotein export suggests a regulatory function within the ER. Furthermore, LMAN2L may act as a regulator of ERGIC-53, implicating its role in the control of protein trafficking between the ER and the ER-Golgi intermediate compartment (ERGIC). These dual functionalities underscore the significance of LMAN2L in cellular mechanisms, particularly in the orchestration of glycoprotein export and the regulation of ERGIC-53, highlighting its potential impact on intracellular protein transport and cellular homeostasis.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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