Datasheet for ABIN7319281

LMAN2 Protein (His tag)

Go to Product page

Overview

Quantity:	50 µg
Target:	LMAN2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LMAN2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human LMAN2/VIP36 Protein (Human Cells, His Tag)
Sequence:	Asp45-Arg322
Characteristics:	Recombinant Human Vesicular Integral-Membrane Protein VIP36 is produced by our Mammalian expression system and the target gene encoding Asp45-Arg322 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	LMAN2
Alternative Name:	LMAN2/VIP36 (LMAN2 Products)
Background:	Background: Vesicular integral-membrane protein VIP36 is also known as Glycoprotein GP36b, Lectin mannose-binding 2, Vesicular integral-membrane protein 36, LMAN2 and C5orf8. LMAN2

Target Details

	is widely expressed and contains one L-type lectin-like domain. LMAN2 binds high mannose type glycoproteins and may facilitate their sorting, trafficking and quality control. LMAN2 plays a role as an intracellular lectin in the early secretory pathway. LMAN2 interacts with N-acetyl-D-galactosamine and high-mannose type glycans and may also bind to O-linked glycans. LMAN2 is also involved in the transport and sorting of glycoproteins carrying high mannose-type glycans. Synonym: Vesicular Integral-Membrane Protein VIP36, Glycoprotein GP36b, Lectin Mannose-Binding 2, Vesicular Integral-Membrane Protein 36, VIP36, LMAN2, C5orf8
Molecular Weight:	32.7 kDa
UniProt:	Q12907
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of 50 mM TrisHCl,10 mM GSH, pH 8.0.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.