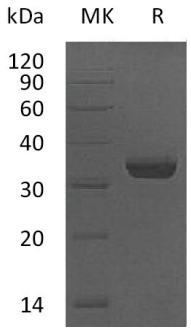
Product Name: Recombinant Human VIP36 (C-6His)
Catalog #: PHH1091

Summary

Name	LMAN2/C5orf8/Glycoprotein GP36b
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	Q12907
Host	Human Cells
Species	Human
Predicted Molecular Mass	32.7 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 50mM Tris-HCl, 10mM GSH, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names	Vesicular Integral-Membrane Protein VIP36; Glycoprotein GP36b; Lectin Mannose-Binding 2; Vesicular Integral-Membrane Protein 36; VIP36; LMAN2; C5orf8
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 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.

Note

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