

Human VSIG8 Protein

Cat. No. VSG-HM108

Description

Source	Recombinant Human VSIG8 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Val22-Gly263.
Accession	PODPA2
Molecular Weight	The protein has a predicted MW of 28.2 kDa. Due to glycosylation, the protein migrates to 29-32 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE

Formulation and Storage

Formulation	Lyophilized from 0.22µm filtered solution in 20mM NaAc,150mM NaCl (pH 4.0). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in 20mM NaAc,150mM NaCl (pH 4.0).
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-20 to -80°C for 3-6 months in unopened state after reconstitution.2-8°C for 2-7 days after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

VSIG8 (V-Set And Immunoglobulin Domain Containing 8) is a Protein Coding gene. Diseases associated with VSIG8 include Retinitis Pigmentosa 30 and Monilethrix. An important paralog of this gene is CXADR.The present work helps characterize the component V-set and immunoglobulin domain containing 8 (VSIG8) in hair shaft and nail plate to assist in understanding its possible relation to disease states.

Assay Data

Tris-Bis PAGE



Human VSIG8 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.