

Human VSIG8 Protein

Cat. No. VSG-HM208



Description

Source	Recombinant Human VSIG8 Protein is expressed from HEK293 with Fc tag at the C-Terminus. It contains Val22-Gly263.
Accession	P0DPA2
Molecular Weight	The protein has a predicted MW of 53.8 kDa. Due to glycosylation, the protein migrates to 55-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

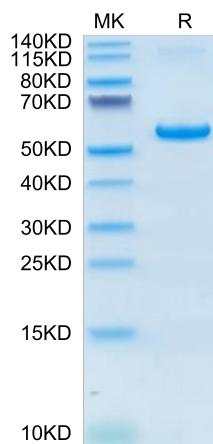
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months 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.

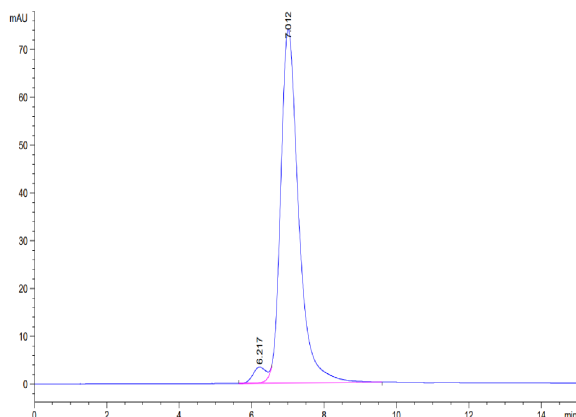
Assay Data

Bis-Tris PAGE



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

SEC-HPLC



The purity of Human VSIG8 is greater than 95% as determined by SEC-HPLC.