Datasheet for ABIN7275844

VSIG8 Protein (AA 22-263) (His tag)

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Overview

Quantity:	100 µg
Target:	VSIG8
Protein Characteristics:	AA 22-263
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VSIG8 protein is labelled with His tag.

Product Details

Purpose:	Human VSIG8 Protein
Sequence:	Val22-Gly263
Characteristics:	Recombinant Human VSIG8 Protein is expressed from HEK293 with His tag at the C-Terminus.It contains Val22-Gly263.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	VSIG8
Alternative Name:	VSIG8 (VSIG8 Products)

Target Details

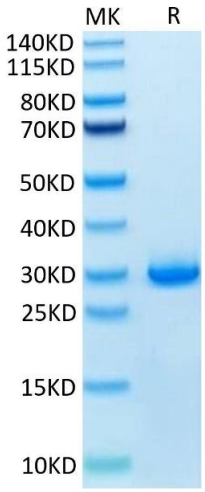
Background:	VSIG8 (V-Set And Immunoglobulin Domain Containing 8) is a Protein Coding gene. Diseases associated with VSIG8 include Retinitis Pigmentosa 30 and Monilethrix. An important paralog of this gene is CXADR.The present work helps characterize the component V-set and immunoglobulin domain containing 8 (VSIG8) in hair shaft and nail plate to assist in understanding its possible relation to disease states.
Molecular Weight:	28.2 kDa. Due to glycosylation, the protein migrates to 29-32 kDa based on Tris-Bis PAGE result.
UniProt:	P0DPA2

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in 20 mM NaAc,150 mM NaCl (pH 4.0).
Buffer:	Lyophilized from 0.22µm filtered solution in 20 mM NaAc,150 mM NaCl (pH 4.0). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months 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.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human VSIG8 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .