Datasheet for ABIN7566389

VSIG4 Protein (AA 20-283) (Fc Tag)

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Overview

Quantity:	100 µg
Target:	VSIG4
Protein Characteristics:	AA 20-283
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VSIG4 protein is labelled with Fc Tag.

Product Details

Purpose:	VSIG4 (human):Fc (mouse) (rec.)
Cross-Reactivity:	Human
Characteristics:	The extracellular domain of human VSIG4 (aa 20-283) is fused to the N-terminus of the Fc region of mouse IgG2a.
Purity:	>98 % (SDS-PAGE)
Sterility:	Sterile filtered
Endotoxin Level:	<0.06EU/µg protein (LAL test, Lonza).

Target Details

Target:	VSIG4
Alternative Name:	VSIG4 (VSIG4 Products)

Target Details

Background:	V-set and immunoglobulin domain containing 4, Z39Ig, CRIg VSIG4 (V-set and immunoglobulin domain containing 4), as known as complement receptor of the immunoglobulin superfamily (CRIg) and Z39Ig. It is a B7 family-related protein and an Ig superfamily member. In contrast to the B7 family members which contain two IgG domains, VSIG4 contains one complete V-type I g domain and a truncated C-type I g domain. VSIG4 is exclusively expressed on tissue resident macrophages and binds to multimers of C3b and iC3b that are covalently attached to particle surfaces. VSIG4 functions as a negative regulator of T cell activation, and may be involved in the maintenance of peripheral T cell tolerance, and is also identified as a potent suppressor of established inflammation.
Molecular Weight:	~68kDa (SDS-PAGE)
UniProt:	Q9Y279

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from 0.2μm-filtered solution in PBS.
Handling Advice:	Avoid freeze/thaw cycles.Centrifuge lyophilized vial before opening and reconstitution.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.