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Datasheet for ABIN6253409

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

## 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.)
Specificity:	The extracellular domain of human VSIG4 (aa 20-283) is fused to the N-terminus of the Fc region of mouse IgG2a.
Characteristics:	<p>Protein. The extracellular domain of human VSIG4 (aa 20-283) is fused to the N-terminus of the Fc region of mouse IgG2a. Source: HEK 293 cells. Endotoxin content: &lt;0.06EU/µg protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: &gt;98 % (SDS-PAGE). 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</p>

## Product Details

also identified as a potent suppressor of established inflammation.

Purity: >98 % (SDS-PAGE)

Endotoxin Level: <0.06EU/μg protein (LAL test, Lonza).

## Target Details

Target: VSIG4

Alternative Name: VSIG4 ([VSIG4 Products](#))

Background: Alternate Names/Synonyms: V-set and immunoglobulin domain containing 4, Z39Ig, CRlg  
Product Description: VSIG4 (V-set and immunoglobulin domain containing 4), as known as complement receptor of the immunoglobulin superfamily (CRlg) 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

Concentration: Lot specific

Buffer: Lyophilized from 0.2μm-filtered solution in PBS.

Handling Advice: Avoid freeze/thaw cycles.

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.