

[Go to Product page](#)

## Datasheet for ABIN1691754 VSIG4 Protein (AA 20-284) (Fc Tag)

### Overview

Quantity:	50 µg
Target:	VSIG4
Protein Characteristics:	AA 20-284
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VSIG4 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human V-Set and Ig Domain-Containing Protein 4/VSIG4/CRlg (C-Fc)
Sequence:	RPILVPEVS TGPWKGDVNL PCTYDPLQGY TQVLVKWLVQ RGS DPTIFL RDSSGDHIQQ AKYQGR LHVS HKVPGDVSLQ LSTLEMDDRS HYTCEVTWQT PDGNQVVRDK ITELRVQKLS VSKPTVTTGS GYGFTVPQGM RISLQCQARG SPPISYIWYK QQTNNQEPIK VATLSTLLFK PAVIADSGSY FCTAKGQVGS EQHSDIVKFV VKDSSKLLKT KTEAPTTMTY PLKATSTVKQ SWDWTTDMDG YLGETSAGPG KSLPVDIEG RMDEPKSCDK THTCP PCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTLPSREEMTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRRWQQGNV FSCSVMEAL HNHYTQKSLS LSPGK
Characteristics:	Recombinant Human V-Set and Ig Domain-Containing Protein 4/VSIG4/CRlg (C-Fc)
Purity:	> 95 % as determined by reducing SDS-PAGE.

## Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	VSIG4
Alternative Name:	V-Set and Immunoglobulin Domain-Containing Protein 4/VSIG4 ( <a href="#">VSIG4 Products</a> )
Background:	<p>Recombinant Human V-Set and Immunoglobulin Domain-Containing Protein 4/VSIG4 produced by transfected human cells is a secreted protein with sequence (Arg20-Val284) of Human VSIG4 fused with a FC tag at the C-terminus.</p> <p>V-set and immunoglobulin domain-containing protein 4(VSIG4) is a transmembrane protein contains a signal peptide, a V-type Ig-like domain, a C2-type Ig-like domain, several potential O-glycosylation sites, and an intracellular domain with 2 potential phosphorylation sites and is structurally related to the B7 family of immune regulatory proteins. This protein is also a receptor for the complement component 3 fragments C3b and iC3b. The main function is strong negative regulator of T-cell proliferation and IL2 production and it is also potent inhibitor of the alternative complement pathway convertases. It abundantly expressed in several fetal tissues such as adult tissues, highest expression in lung and placenta and it also expressed in resting macrophages.</p>
Molecular Weight:	56.3 kDa
UniProt:	<a href="#">Q9Y279</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

## Handling

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Storage: 4 °C/-20 °C/-80 °C

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Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.  
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.  
Aliquots of reconstituted samples are stable at < -20°C for 3 months.