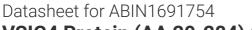
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## VSIG4 Protein (AA 20-284) (Fc Tag)



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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/CRIg (C-Fc)		
Sequence:	RPILEVPESV TGPWKGDVNL PCTYDPLQGY TQVLVKWLVQ RGSDPVTIFL RDSSGDHIQQ		
	AKYQGRLHVS HKVPGDVSLQ LSTLEMDDRS HYTCEVTWQT PDGNQVVRDK ITELRVQKLS		
	VSKPTVTTGS GYGFTVPQGM RISLQCQARG SPPISYIWYK QQTNNQEPIK VATLSTLLFK		
	PAVIADSGSY FCTAKGQVGS EQHSDIVKFV VKDSSKLLKT KTEAPTTMTY PLKATSTVKQ		
	SWDWTTDMDG YLGETSAGPG KSLPVDDIEG RMDEPKSCDK THTCPPCPAP ELLGGPSVFL		
	FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV		
	VSVLTVLHQD WLNGKEYKCK VSNKALPAPI EKTISKAKGQ PREPQVYTLP PSREEMTKNQ		
	VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV		
	FSCSVMHEAL HNHYTQKSLS LSPGK		
Characteristics:	Recombinant Human V-Set and Ig Domain-Containing Protein 4/VSIG4/CRIg (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 VSIG4 Target: Alternative Name: V-Set and Immunoglobulin Domain-Containing Protein 4/VSIG4 (VSIG4 Products) Background: 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. 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 Oglycosylation 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. Molecular Weight: 56.3 kDa UniProt: Q9Y279 **Application Details** Restrictions: For Research Use only Handling Format: Lyophilized Reconstitution: It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Buffer:

Handling Advice:

### Handling

Storage:	4 °C/-20 °C/-80 °C	
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 w	
	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.	