

## Active Recombinant Human VSIG4, HlgG1 Fc-tagged

Cat. No. VSIG4-511H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of human VSIG4(AAH10525.1) (Arg20-Pro283) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	20-283 a.a.
<b>Description</b>	This gene encodes a v-set and immunoglobulin-domain containing protein that is structurally related to the B7 family of immune regulatory proteins. The encoded protein may be a negative regulator of T-cell responses. This protein is also a receptor for the complement component 3 fragments C3b and iC3b. Alternate splicing results in multiple transcript variants.
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA.
<b>AA Sequence</b>	Arg20-Pro283
<b>Endotoxin</b>	<0.06 eu/µg="" as="" determined="" by="" lal="" test="">
<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions.

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<b>Stability</b>	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.
<b>Reconstitution</b>	Reconstitute at 100µg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	VSIG4 V-set and immunoglobulin domain containing 4 [ Homo sapiens ]
<b>Official Symbol</b>	VSIG4
<b>Synonyms</b>	VSIG4; V-set and immunoglobulin domain containing 4; V-set and immunoglobulin domain-containing protein 4; Z39IG; protein Z39Ilg; Ig superfamily protein; complement receptor of the immunoglobulin superfamily; CRlg;
<b>Gene ID</b>	11326
<b>mRNA Refseq</b>	NM_001100431
<b>Protein Refseq</b>	NP_001093901
<b>MIM</b>	300353
<b>UniProt ID</b>	Q9Y279
<b>Chromosome Location</b>	Xq12-q13.3
<b>Function</b>	protein binding;

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