

## 32-7999: Recombinant Human V-Set and Ig Domain-Containing Protein 4/VSIG4/CRlg (C-Fc)(Discontinued)

**Gene :** VSIG4  
**Gene ID :** 11326  
**Uniprot ID :** Q9Y279

### Description

Source: Human Cells.

MW :56.3kD.

Recombinant Human VSIG4 is produced by our Mammalian expression system and the target gene encoding Arg20-Val284 is expressed 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 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.

### Product Info

**Amount :** Fc) / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.  
**Storage condition :** 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.  
**Amino Acid :** RPILEVPESVTGPWKGDVNLPCYDPLQGYTQVLVKWLVRGSDPVTIFLRDSSGDHIQQAQYQGRHLVSHKV PGDVSLQLSTLEMDDRSYHTCEVTWQTPDGNQVVRDKITELRVQKLSVSKPTVTTGSGYGFTVPQGMRIQLQC QARGSPPISYIWKQQTNNQEPIKVATLSTLLFKPAVIADSGSYFCTAKGQVGSEQHSDIVKFVVKDSSKLLKTKT EAPTTMTYPLKATSTVKQSWDWTDDMDGYLGETSAGPGKSLPVDDIEGRMDPEKSCDKTHTCPPCPAPELLG GPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLH QDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESN GQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Åµg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.