

32-9715: Recombinant Human V-Set and Ig Domain-Containing Protein 4/VSIG4/CRlg (C-Fc)

Alternative Name : V-set and immunoglobulin domain-containing protein 4, VSIG4, Protein Z39lg, Z39IG, CRlg

Description

Source : Human Cells;

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 : 500 µg / 50 µg

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

Amino Acid : 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.