

Recombinant Human V-Set and Ig Domain-Containing Protein 4/VSIG4/CR1g Protein(C-Fc)

Cat.NO.: TP04773

3th Edition

Synonyms:V-set and immunoglobulin domain-containing protein 4; VSIG4;Protein Z39Ig;Z39IG;CR1g

Description: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.

Form:PBS

Molecular Weight:56.3 kDa

Sequences:Arg20-Val284

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.