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Recombinant Mouse VSIG4 Protein (His tag)

产品货号: TP07895

第三版

别名:A530061A11;BC025105;CRIg;Z39IG

描述: VSIG4 (V-set and immunoglobulin domain containing 4), also known as complement receptor of the immunoglobulin superfamily (CRIg) and Z39Ig, is a type I transmembrane glycoprotein. It is a B7 family-related protein and an Ig superfamily member. In contrast to the B7 family members which contain two IgG domains, VSIG4 contains one complete V-type Ig domain and a truncated C-type Ig domain. VSIG4 is exclusively expressed on tissue resident macrophages and binds to multimers of C3b and iC3b that are covalently attached to particle surfaces. No VSIG4 expression appears to be present in T and B cells. VSIG4 functions as a negative regulator of T cell activation, and may be involved in the maintenance of peripheral T cell tolerance, and is also identified as a potent suppressor of established inflammation. Mouse VSIG4 is synthesized as a 280 amino acid precursor that contains a signal sequence, an V-type Ig domain (aa 36-115), one potential N-linked glycosylation site, and a single transmembrane domain. The V-type Ig domain of mouse VSIG4 shares 86% and 80% aa sequence identity with the V-type Ig domains of rat and human VSIG4, respectively.

配方: PBS

分子量: 20.4 kDa

序列: Met 1-Pro 187

纯度: > 95% by HPLC

浓度:

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.