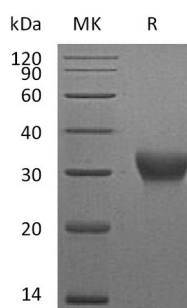


概述 (Summary)

英文全称	VSIG4
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Mouse V-Set And Ig Domain-Containing Protein 4 is produced by our Mammalian expression system and the target gene encoding His20-Pro187 is expressed with a 6His tag at the C-terminus.
Accession #	F6TUL9
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	19.7 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Mouse VSIG4 (C-6His)
Catalog #: PHM1826



背景 (Background)

分子别名 (Alternative Names)

Vsig4;V-set and immunoglobulin domain containing 4;

背景介绍 (References)

V-set and immunoglobulin domain containing 4 (VSIG4) is a type I transmembrane glycoprotein that is a B7 family-related protein and an Ig superfamily member. Mouse VSIG4 is synthesized as a 280 amino acid (aa) precursor that contains a signal sequence, an IgV-type immunological domain (aa 36-115), one potential N-linked glycosylation site, and a single transmembrane domain. The IgV domain of mouse VSIG4 shares 86% and 80% aa sequence identity with the IgV domains of rat and human VSIG4, respectively. VSIG4 functions as a negative regulator of mouse as well as human T cell activation, and may be involved in the maintenance of peripheral T cell tolerance and/or unresponsiveness. VSIG4 acts as a macrophage complement receptor by binding complement fragments C3b and iC3b. VSIG4 binding to C3b inhibits complement activation through the alternative pathway, making it a potent suppressor of established inflammation.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.