

Active Recombinant Mouse Vsig4 Protein, Fc Chimera

Cat. No. Vsig4-861M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Vsig4 (Accession # NP_808457), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	His20
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit anti-CD3-induced proliferation of splenic T lymphocytes. Vogt, L. et al. (2006) J. Clin. Invest. 116:2817. The presence of immobilized rmVSIG4/Fc Chimera inhibited the anti-CD3 response by 50% - 70%. The ED50 for this effect is typically 1.25 - 5 µg/mL. Measured by its ability to bind human iC3b in a functional ELISA. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse Vsig4, Fc Chimera has a calculated MW of 46 kDa (monomer). In SDS-PAGE migrates as 60-65 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

Gene Name	Vsig4 V-set and immunoglobulin domain containing 4 [<i>Mus musculus</i>]
Official Symbol	Vsig4
Synonyms	VSIG4; V-set and immunoglobulin domain containing 4; V-set and immunoglobulin domain-containing protein 4; complement receptor of the immunoglobulin superfamily; CRIg; Z39IG; BC025105; A530061A11; MGC36211;
Gene ID	278180
mRNA Refseq	NM_177789
Protein Refseq	NP_808457
MIM	

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