

## Active Recombinant Mouse Vsig4 Protein, Fc Chimera

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Vsig4 (Accession # NP_808457), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	His20
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Mouse Vsig4, Fc Chimera has a calculated MW of 46 kDa (monomer). In SDS-PAGE migrates as 60-65 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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 \[ Mus musculus \]](#)

**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; CR1g; Z39IG; BC025105; A530061A11; MGC36211;

**Gene ID** [278180](#)

**mRNA Refseq** [NM\\_177789](#)

**Protein Refseq** [NP\\_808457](#)

**MIM**

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