

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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; CRIg; Z39IG; BC025105; A530061A11; MGC36211;**Gene ID** [278180](#)**mRNA Refseq** [NM_177789](#)**Protein Refseq** [NP_808457](#)**MIM** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA