

Recombinant Mouse Vsig4 protein, His&hFc-tagged

Cat. No. Vsig4-893M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Vsig4 protein(NP_808457.1)(Met1-Pro187), fused with His&hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Pro187
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse VSIG4/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 416 amino acids and has a predicted molecular mass of 47 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmVSIG4/Fc monomer is approximately 60 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

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