

## Recombinant Human VSIG4 Protein, Fc-tagged

Cat. No. VSIG4-055H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VSIG4 fused with Fc His tag at C-termina was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a v-set and immunoglobulin-domain containing protein that is structurally related to the B7 family of immune regulatory proteins. The encoded protein may be a negative regulator of T-cell responses. This protein is also a receptor for the complement component 3 fragments C3b and iC3b. Alternate splicing results in multiple transcript variants.
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of PBS,pH 7.4
<b>Molecular Mass</b>	56.3kD
<b>AA Sequence</b>	<p>RPILVPESVTGPWKGDVNLPCYDPLQGYTQVLVKWLVQRGSDPVTIFLRDSSGD  HIQQAQYQGRHLVSHKVPGDVSLQLSTLEMDDRSYHTCEVTWQTPDGNQVVRDKI  TELRVQKLSVSKPTVTTGSGYGFTVPQGMRLSLQCQARGSPPISYIWYKQQTNNQE  PIKVATLSTLLFKPAVIADSGSYFCTAKGQVGSEQHSDIVKFFVKDSSKLLKTKTEAPT  TMTYPLKATSTVKQSWDWTDDMDGYLGETSAGPGKSLPVDDIEGRMDEPKSCDKT  HTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYV  DGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTI  SKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY</p>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

KTTTPVLDSGDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK

**Endotoxin** Endotoxin level is <0.1 ng/g of protein (<1EU/g).

**Purity** >95% as determined by SDS-PAGE and Coomassie blue staining

**Concentration** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## GENE INFORMATION

**Gene Name** VSIG4 V-set and immunoglobulin domain containing 4 [ Homo sapiens ]

**Official Symbol** VSIG4

**Synonyms** VSIG4; V-set and immunoglobulin domain containing 4; V-set and immunoglobulin domain-containing protein 4; Z39IG; protein Z39Ig; Ig superfamily protein; complement receptor of the immunoglobulin superfamily; CRIG;

**Gene ID** 11326

**mRNA Refseq** NM\_001100431

**Protein Refseq** NP\_001093901

**MIM** 300353

**UniProt ID** Q9Y279

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