

Recombinant Human VSIG4 Protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human VSIG4 fused with Fc His tag at C-termina was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Form	Lyophilized from a 0.2 M filtered solution of PBS,pH 7.4
Molecular Mass	56.3kD
AA Sequence	RPILEVPESVTGPWKGDVNLPCYDPLQGYTQVLVKWL VQRGSDPVTIFLRDSSGD HIQQAQYQGR LHVSHKVP GDVSLQLSTLEMDDRSHTCEVTWQTPDGNQVVRDKI TELRVQKLSVSKPTVTTGSGYGFTVPQGMRLSLQCQARGSPPISYIWYKQQTNNQE PIKVATLSTLLFKPAVIADSGSYFCTAKGQVGSEQHSDIVKFVVKDSSKLLKTKTEAPT TMTYPLKATSTVKQSWDWTTDMDGYLGETSAGPGKSLPVDDIEGRMDEPKSCDKT HTCPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYV DGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTI SKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY

 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

KTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSSVMHEALHNHYTQKSLSLSPGK

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

 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