

## Human CellExp™ VSIG4, human recombinant

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|----------------------------|--|----------------|
| <b>CATALOG NO:</b>         | P1018-10<br>P1018-50   | 10 µg<br>50 µg |
| <b>ALTERNATE NAMES:</b>    | V-set and immunoglobulin domain containing 4; Z39Ig; CR1g  |                |
| <b>SOURCE:</b>             | HEK 293 cells (aa 20-283)  |                |
| <b>PURITY:</b>             | ≥ 98% by SDS – PAGE  |                |
| <b>MOL. WEIGHT:</b>        | The protein has a calculated MW of 68 kDa. The extracellular domain of human VSIG4 (aa 20-283) is fused to the N-terminus of the Fc region of mouse IgG2a.   |                |
| <b>ENDOTOXIN LEVEL:</b>    | < 0.06 EU/mg of protein (determined by LAL method)   |                |
| <b>FORM:</b>               | Lyophilized  |                |
| <b>FORMULATION:</b>        | Lyophilized from 0.2µm-filtered solution in PBS.   |                |
| <b>STORAGE CONDITIONS:</b> | Store at +4°C for short term (1-2 weeks). For long term storage, aliquot and store at -20°C. Avoid repeated freezing and thawing cycles.   |                |
| <b>RECONSTITUTION:</b>     | Reconstitute with 1X PBS to the desired protein concentration.   |                |
| <b>DESCRIPTION:</b>        | VSIG4 (V-set and immunoglobulin domain containing 4), as known as complement receptor of the immunoglobulin superfamily (CR1g) and Z39Ig. It is a B7 family-related protein and an Ig superfamily member. In contrast to the B7 family members which contain two IgG domains, VSIG4 contains one complete V-type I g domain and a truncated C-type I g domain. VSIG4 is exclusively expressed on tissue resident macrophages and binds to multimers of C3b and iC3b that are covalently attached to particle surfaces. VSIG4 functions as a negative regulator of T cell activation, and may be involved in the maintenance of peripheral T cell tolerance, and is also identified as a potent suppressor of established inflammation. |                |

### RELATED PRODUCT:

- Human CellExp™ ICOSLG/B7-H2/CD275, human recombinant (**Cat. No. 7426-20**)
- Human Cellexp Human Recombinant IL-2 (**Cat. No. 6461-10, -50**)
- IL-2 Receptor α, Human Recombinant (**Cat. No. 7100-10, -50**)
- Human CellExp™ CD223, human recombinant (**Cat. No. 7278-10, -50**)
- Human CellExp™ CD71, human recombinant (**Cat. No. 7279-10, -50**)
- Human CellExp™ CD273, human recombinant (**Cat. No. 7369-10, -50**)
- Human CellExp™ CD33, human recombinant (**Cat. No. 7370-10, -50**)
- Human CellExp™ CD36, human recombinant (**Cat. No. 7371-10, -50**)
- Human CellExp™ CD87, human recombinant (**Cat. No. 7372-20, -100**)
- Human CellExp™ CD360, human recombinant (**Cat. No. 7373-20, -100**)
- Human CellExp™ CD244, human recombinant (**Cat. No. 7374-10, -50**)
- Human CellExp™ CD304, human recombinant (**Cat. No. 7375-10**)
- Human CellExp™ CD319, human recombinant (**Cat. No. 7376-10, -50**)
- Human CellExp™ CD306, human recombinant (**Cat. No. 7377-10, -50**)
- Human CellExp™ CD84, human recombinant (**Cat. No. 7378-10, -50**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**