

**Human CellExp™ VSIG4, human recombinant**  
**V-set and immunoglobulin domain containing 4; Z39Ig; CRIg**  
**Catalog # PBV11495r****Specification**

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**Human CellExp™ VSIG4, human recombinant - Product info**

Primary Accession [O9Y279](#)  
Calculated MW **68 kDa** **KDa**

**Human CellExp™ VSIG4, human recombinant - Additional Info**

Gene ID **11326**  
**Other Names**  
V-set and immunoglobulin domain containing 4; Z39Ig; CRIg  
  
Gene Source **Human**  
Source **HEK 293 cells**  
Assay&Purity **SDS-PAGE; ≥ 98%**  
Recombinant **Yes**  
**Target/Specificity**  
**VSIG4**

**Application Notes**

Reconstitute in 1X PBS to the desired protein concentration.

**Format**

Lyophilized

**Storage**

-20°C; Lyophilized from 0.2 µm-filtered solution in PBS.

**Human CellExp™ VSIG4, human recombinant - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Human CellExp™ VSIG4, human recombinant - Images****Human CellExp™ VSIG4, human recombinant - Background**

VSIG4 (V-set and immunoglobulin domain containing 4), as known as complement receptor of the

immunoglobulin superfamily (CRIg) 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 Ig domain and a truncated C-type Ig 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.