

# Recombinant Human VSIG3/IgSF11 Protein

Catalog No.: RP01442 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	152404	Q5DX21-1

### Tags

C-hFc&amp;Avi

### Synonyms

BT-  
IgSF;CT119;CXADRL1;Igsf13;VSIG3;IGSF1  
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## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Calculated MW	Observed MW
50.99 kDa	60-65 kDa

**Endotoxin**  
<0.1EU/μg


### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the vial before opening.  
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

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## Background

Immunoglobulin superfamily member 11(IGSF11) is expressed on the plasma membrane in the testis and brain. These IGSF proteins undergo final modifications during capacitation and/or the acrosome reaction. IGSF proteins share significant homology with endothelial cell-selective adhesion molecule and coxsackievirus and adenovirus receptor, which mediates cell attachment and homotypic intercellular interactions. In clinical, the IGSF11 has been reported to overexpressed in colorectal cancers and hepatocellular carcinomas, as well as intestinal-type gastric cancers, compared to their corresponding non-cancerous tissues. The IGSF11 has also been found expressed abundantly in the testis and ovary and the IGSF11 can be used as a candidate of cancer-testis antigen.

## Basic Information

### Description

Recombinant Human VSIG3/IgSF11 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu23-Gly241) of human VSIG3/IGSF11 (Accession #NP\_001015887.1) fused with a Fc, Avi tag at the C-terminus.

### Bio-Activity

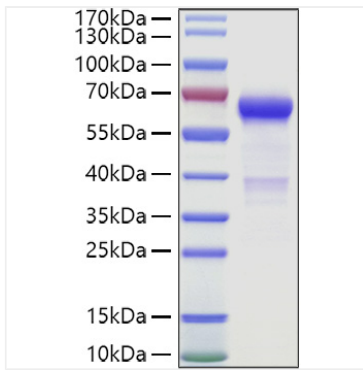
Measured by its binding ability in a functional ELISA. Immobilized Human VISTA (Catalog: RP01023) at 5μg/mL (100 μL/well) can bind Biotinylated Human VSIG3/IgSF11 (Catalog: RP01442) with a linear range of 0.02-2.03 μg/mL.

### Storage

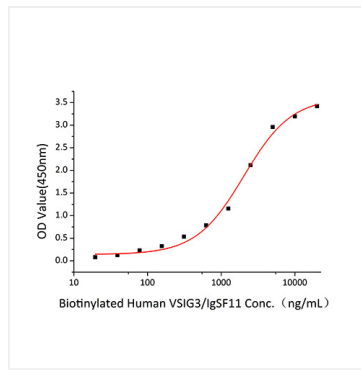
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.  
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.  
Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human VSIG3/IgSF11 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60-65kDa.



Immobilized Human VISTA Protein at 5µg/mL (100 µL/well) can bind Biotinylated Human VSIG3/IgSF11 with a linear range of 0.02-2.03 µg/mL.