

Recombinant Human VSIG3/IgSF11 Protein

Catalog No.: RP01442

Sequence Information

Species	Gene ID
Human	152404
Swiss Prot	Tags
Q5DX21-1	C-hFc&Avi

Synonyms

BT-IgSF, CT119, CXADRL1, Igsf13, VSIG3, IGSF11

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW / Observed MW

50.99 kDa 60–65 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

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.

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.

Activity

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

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at –20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

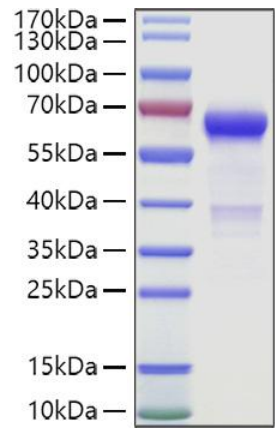
Contact

☎ | 400-999-6126

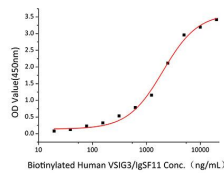
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Validation Data



Recombinant Human VSIG3/IgSF11 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human VISTA Protein at 5 μ g/mL (100 μ L/well) can bind Biotinylated Human VSIG3/IgSF11 with a linear range of 0.02–2.03 μ g/mL.