



Recombinant Protein Technical Manual

Recombinant Human IGSF11/BTIGSF Protein (His Tag)

RPES4550

Product Data:

Product SKU: RPES4550

Size: 20µg

Species: Human

Expression host: HEK293 Cells

Uniprot: AAH34411.1

Protein Information:

Molecular Mass: 24.6 kDa

AP Molecular Mass: 36 kDa

Tag: C-His

Bio-activity:

Purity: > 85 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from sterile PBS, pH 7.4

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: BT-IgSF; CT119; CXADRL1; Igsf13; VSIG3; CXADR like 1

Immunogen Information:

Sequence: Met 1-Gly 240

Background:

Immunoglobulin superfamily member 11(IGSF11) are 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 over expressed 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 testis and ovary and the IGSF11 can be used as a candidate of cancer-testis antigen.