



Recombinant Protein Technical Manual

Recombinant Human TLE3 Protein (aa 484-772, GST Tag)
RPES4506

Product Data:

Product SKU: RPES4506

Size: 20µg

Species: Human

Expression host: E. coli

Uniprot: Q04726

Protein Information:

Molecular Mass: 58.5 kDa

AP Molecular Mass: 58.5 kDa

Tag: N-GST

Bio-activity:

Purity: > 78 % as determined by reducing SDS-PAGE.

Endotoxin: Please contact us for more information.

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 20mM Tris, 0.15M NaCl, 5mM GSH, pH 7.5

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

Application:

Synonyms: ESG;ESG3;GRG3;HsT18976

Immunogen Information:

Sequence: Ser 484-Tyr 772

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.