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Datasheet for ABIN7317305 TLE3 Protein (GST tag)

Overview

Quantity:	100 µg
Target:	TLE3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TLE3 protein is labelled with GST tag.

Product Details

Purpose:	Recombinant Human TLE3 Protein (aa 484-772, GST Tag)
Sequence:	Ser 484-Tyr 772
Characteristics:	A DNA sequence encoding the N-terminal fragment of human TLE3 (Q04726-1) (Ser 484-Tyr 772) was fused with the GST tag at the N-terminus.
Purity:	> 78 % as determined by reducing SDS-PAGE.

Target Details

Target:	TLE3
Alternative Name:	TLE3 (TLE3 Products)
Background:	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

Target Details

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.

Synonym: ESG,ESG3,GRG3,HsT18976

Molecular Weight: 58.5 kDa

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

Buffer: Lyophilized from sterile 20 mM Tris, 0.15M NaCl, 5 mM GSH, pH 7.5

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, 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.