



Recombinant Protein Technical Manual
Recombinant Human TDGF1 Protein (Fc Tag)(Active)
RPES0569

Product Data:

Product SKU: RPES0569

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P13385

Protein Information:

Molecular Mass: 42.8 kDa

AP Molecular Mass: 50 kDa

Tag: C-Fc

Bio-activity: Immobilized Human ACVR1B-His(Cat: PKSH032037) at 2µg/ml(100 µl/well) can bind Human TDGF1-Fc.

Purity: > 95 % 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 a 0.2 µm filtered solution of PBS, pH7.4.

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

Application: Functional ELISA

Synonyms: Teratocarcinoma-derived growth factor 1;Cripto growth factor;CRGF;Epidermal growth factor-like cripto protein CR1;TDGF1;CRIPTO

Immunogen Information:

Sequence: Leu31-Ser169

Background:

Teratocarcinoma-derived growth factor 1(TDGF1) is a Cell membrane protein and contains 1 EGF-like domain. The protein plays an essential role in embryonic development and tumor growth. Mutations in this gene are associated with forebrain defects. It also may play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm.