



Recombinant Protein Technical Manual

Recombinant Human IL17RC Protein (Fc Tag)(Active)

RPES0152

Product Data:

Product SKU: RPES0152

Size: 50µg

Species: Human

Expression host: HEK293 Cells

Uniprot: NP_116121.2

Protein Information:

Molecular Mass: 75.3 kDa

AP Molecular Mass: 10020 kDa

Tag: Fc Tag

Bio-activity: Measured by its ability to bind with recombinant human IL17A-His in a functional ELISA.2. Measured by its ability to bind with recombinant human 17A in a functional ELISA.

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg of the protein 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: Functional ELISA

Synonyms: IL17-RL;IL17RL;UNQ6118/PRO20040/PRO38901

Immunogen Information:

Sequence: Met 1-Ala 454

Background:

Plexin domain-containing protein 1, also known as tumor endothelial marker 3, tumor endothelial marker 7 and PLXDC1 and TEM3, is a secreted, cytoplasm and single-pass type I membrane protein which belongs to the plexin family. PLXDC1 / TEM3 is detected in endothelial cells from colorectal cancer, and in endothelial cells from primary cancers of the lung, liver, pancreas, breast and brain. It is expressed in fibrovascular membrane with increased expression in individuals with proliferative diabetic retinopathy. PLXDC1 / TEM3 is not detectable in endothelial cells from normal tissue. PLXDC1 / TEM3 plays a critical role in endothelial cell capillary morphogenesis. PLXDC1 / TEM3 may play a significant role in the proliferation and maintenance of neovascular endothelial cells in the formation of fibrovascular membranes (FVMs). PLXDC1 / TEM3 may be a molecular target for new diagnostic and therapeutic strategies for proliferative diabetic retinopathy (PDR). PLXDC1 / TEM3 interacts with NID1. It may also interact with CTTN.