Recombinant Human IL17RC Protein (Fc Tag)

Catalog Number: PKSH031013

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

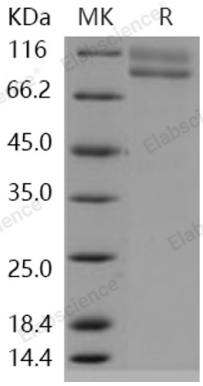
Description

Species	Human
Source	HEK293 Cells-derived Human IL17RC protein Met 1-Ala 454, with an C-terminal hFc
Calculated MW	75.3 kDa
Observed MW	100-120 kDa
Accession	NP_116121.2
Bio-activity	Measured by its ability to bind with recombinant human IL17A-His in a functional ELISA.

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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 theplexin 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.

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