Recombinant Human IL17RC Protein (aa 1-454, His Tag)

Catalog Number: PKSH031012

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

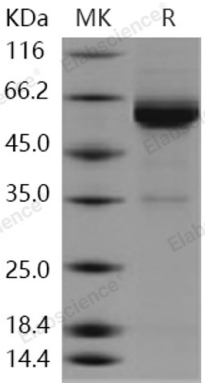
Description

Species	Human
Source	Baculovirus-Insect Cells-derived Human IL17RC protein Met 1-Ala 454, with an C-terminal His
Calculated MW	49.6 kDa
Observed MW	60 kDa
Accession	NP_116121.2
Bio-activity	Measured by its ability to bind with recombinant human IL17A-His in a functional ELISA. Measured by its ability to bind with recombinant human 17A in a functional ELISA.

Properties

Purity	> 90 % 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 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol 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



> 90 % as determined by reducing SDS-PAGE.

Background

The hypomethylation within the IL17RC gene promoter in peripheral blood is not suitable for use as a clinical biomarker of AMD. This study highlights the need for considerable replication of epigenetic association studies prior to clinical application. methylation of IL17RC could play as a marker in choroidal neovascularization (CNV) and degeneration of retinal pigment epithelium (RPE) cells in vitro.