A Reliable Research Partner in Life Science and Medicine

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

Catalog No. PKSH031012

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

#### **Description**

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

Species Human

**Expression Host** Baculovirus-Insect Cells

SequenceMet 1-Ala 454AccessionNP\_116121.2Calculated Molecular Weight49.6 kDaObserved molecular weight60 kDaTagC-His

**Bioactivity** 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**  $< 1.0 \text{ EU per } \mu \text{g of the protein as determined by the LAL method.}$ 

**Storage** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°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 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol

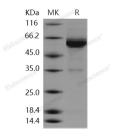
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

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

## For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

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## **Elabscience Bionovation Inc.**



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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.

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