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## 32-17332: Recombinant human MERTK protein with C-terminal human Fc tag

Alternative Name: c-Eyk; c-mer; MER; RP38; Tyro12

## **Description**

Expression Host: HEK293

The protein has a predicted molecular mass of 78.8 kDa after removal of the signal peptide.

This gene is a member of the MER/AXL/TYRO3 receptor kinase family and encodes a transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains, and one tyrosine kinase domain. Mutations in this gene have been associated with disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP).

## **Product Info**

Amount:  $50 \mu g$ 

**Purification:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

**Content:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants

before lyophilization.

**Storage condition:** Store at -80°C for 12 months (Avoid repeated freezing and thawing)