

## 32-18247: Human MERTK Protein, His Tag

**Uniprot ID :** Q12866

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

### Description

**Description :** Recombinant human MERTK Protein with C-terminal 10×His tag

**Background :** 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).

**Molecular Characterization:** mass of 54.0 kDa after removal of the signal peptide.

**Tag :** C-10×His Tag

### Product Info

**Amount :** 50 µg / 100 µg

**Purification :** The purity of the protein is greater than 85% 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 -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

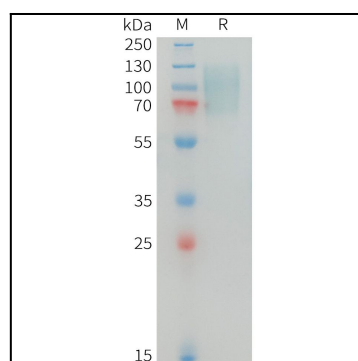


Figure 1. Human MERTK Protein, His Tag on SDS-PAGE under reducing condition.