

PRODUCT INFORMATION

MERTK Target

Tyrosine-protein kinase Mer; Proto-oncogene c-**Synonyms**

Mer; Receptor tyrosine kinase MerTK

Recombinant human MERTK protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** Q12866 **Expression Host HEK293**

C-Human Fc Tag Tag

Molecular

Background

MERTK(Ala21-Ile505) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

78.8 kDa after removal of the signal peptide. The **Molecular Weight** apparent molecular mass of MERTK-hFc is

approximately 100-130 kDa due to glycosylation.

The purity of the protein is greater than 95% as **Purity**

determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene is a member of the MER/AXL/TYRO3

receptor kinase family and encodes a

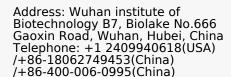
transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains, and one tyrosine kinase domain. Mutations in this gene have been associated with

disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP). [provided by

RefSeq, Jul 2008]

Usage Research use only

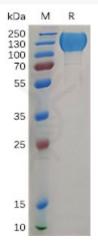
Conjugate Unconjugated



Email: info@dimabio.com Website: www.dimabio.com







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

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