



[Go to Product page](#)

Datasheet for ABIN6964292
MERTK Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	MERTK
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MERTK protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human MERTK protein with C-terminal human Fc tag
Specificity:	MERTK (Ala21-Ile505) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	MERTK
Alternative Name:	MERTK (MERTK Products)
Background:	Synonymes: c-Eyk, c-mer, MER, RP38, Tyro12 Description: 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

Target Details

(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]

Molecular Weight: predicted molecular mass of 78.8 kDa after removal of the signal peptide. The apparent molecular mass of MERTK-hFc is 100-130 kDa due to glycosylation.

UniProt: [Q12866](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months