

Datasheet for ABIN7538146
MERTK Protein (AA 21-505) (His tag)



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1 Image

Overview

| | |
|-------------------------------|--|
| Quantity: | 50 µg |
| Target: | MERTK |
| Protein Characteristics: | AA 21-505 |
| Origin: | Human |
| Source: | Mammalian Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MERTK protein is labelled with His tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant human MERTK Protein with C-terminal 10xHis tag |
| Specificity: | MERTK (Ala21-Ile505) 10xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purification: | Purified from cell culture supernatant by affinity chromatography |
| Purity: | The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|---|
| Target: | MERTK |
| Alternative Name: | MERTK (MERTK Products) |
| Background: | This gene is a member of the MER/AXL/TYRO3 receptor kinase family and encodes a |

Target Details

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]

Molecular Weight: predicted molecular mass of 54.0 kDa after removal of the signal peptide.

UniProt: [Q12866](#)

Pathways: [RTK Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

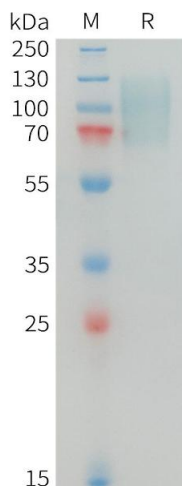
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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

Images



SDS-PAGE

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