

RP00425

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Recombinant Human MERTK/MER/Receptor tyrosine kinase MerTK Protein

Catalog No.: RP00425

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	10461	Q12866

Tags

C-6×His

Synonyms

MER; RP38; Tyro12; c-Eyk; c-mer; MERTK; RP38; Tyro12; c-Eyk; c-mer

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM Tris, 150 mM NaCl, pH8.0. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein 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 protein have been associated with disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP).

Basic Information

Description

Recombinant Human MERTK/MER/Receptor tyrosine kinase MerTK Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Met177-Ala499) of human MERTK/MER/Receptor tyrosine kinase MerTK (Accession #Q12866) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

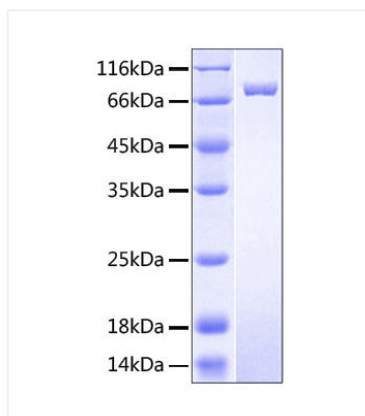
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human MERTK/MER/Receptor tyrosine kinase MerTK was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 70 kDa.