Recombinant Human MERTK Protein

Catalog No.: RP01183

Sequence Information

Species
Human

Gene ID
10461

Swiss Prot
Q12866

Tags
C-hFc&His

Synonyms
MER, RP38, Tyro12, c-Eyk, c-mer, MERTK,RP38,Tyro12,c-Eyk,c-mer

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
78.29 kDa

Observed MW
120-140 kDa

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

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description
Recombinant Human MERTK Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Arg26-Ala499) of human Mer/MERTK (Accession #NP_006334.2) fused with a Fc, 6×His tag at the C-terminus.

Activity
1.Measured by its binding ability in a functional ELISA. Immobilized Human MERTK at 1 μg/mL (100 μL/well) can bind MERTK Rabbit mAb with a linear range of 0.2-3 ng/mL.
2.Measured by its binding ability in a functional ELISA. Immobilized Human Gas6 at 2 μg/mL (100 μL/well) can bind Human MERTK with a linear range of 1-210 ng/mL.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

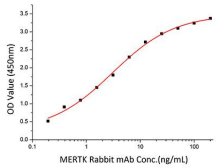
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

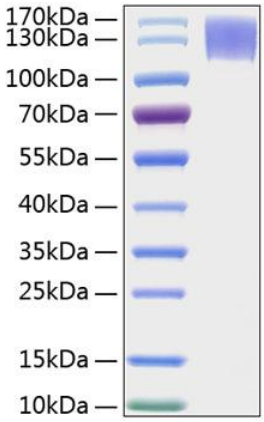
400-999-6126
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Please visit http://abclonal.com for a complete listing of recommended products.

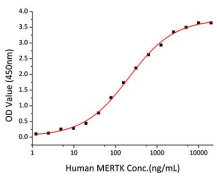
Validation Data



Immobilized Human MERTK at 1μg/mL (100 μL/well) can bind MERTK Rabbit mAb with a linear range of 0.2-3ng/mL.



Recombinant Human MERTK Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human Gas6 at 2 μg/mL (100 μL/well) can bind Human MERTK with a linear range of 1-210 ng/mL.