

Catalog No.: RP01198 **Recombinant**

Species	Gene ID	Swiss Prot
Human	10461	O12866

C-His

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

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE

Calculated MW	Observed MW
52.34 kDa	70-120 kDa

< 0.1 EU/μg of the protein by LAL method.

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

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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

 | 400-999-6126

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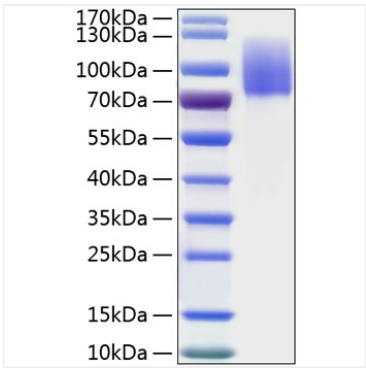
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Recombinant Human MERTK Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Arg26-Ala499) of human Mer/MERTK (Accession #NP_006334.2) fused with a 6×His tag at the C-terminus.

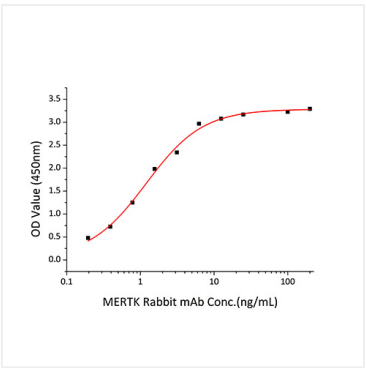
Measured by its binding ability in a functional ELISA. Immobilized Human MERTK at 1 $\mu\text{g/mL}$ (100 μL /well) can bind MERTK Rabbit mAb with a linear range of 0.2-1.2 ng/mL .

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.
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.

Validation Data



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



Immobilized Human MERTK at 1µg/mL (100 µL/well) can bind MERTK Rabbit mAb with a linear range of 0.2-1.2ng/mL.