

Active Recombinant Human MERTK protein, His&hFc-tagged

Cat. No. MERTK-147H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human MERTK protein(NP_006334.2)(Arg26-Ala499) is expressed in HEK293, fused with a Fc, His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	26-499 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-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.
Molecular Mass	78.29 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	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

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months, at 2-8°C for up to 1 week.

Reconstitution

Centrifuge the tube 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 free-thaw cycles.

GENE INFORMATION

Gene Name [MERTK c-mer proto-oncogene tyrosine kinase \[Homo sapiens \]](#)

Official Symbol [MERTK](#)

Synonyms

MERTK; c-mer proto-oncogene tyrosine kinase; tyrosine-protein kinase Mer; mer; RP38; STK kinase; proto-oncogene c-Mer; MER receptor tyrosine kinase; receptor tyrosine kinase MerTK; MER; c-mer; MGC133349;

Gene ID [10461](#)

mRNA Refseq [NM_006343](#)

Protein Refseq [NP_006334](#)

MIM [604705](#)

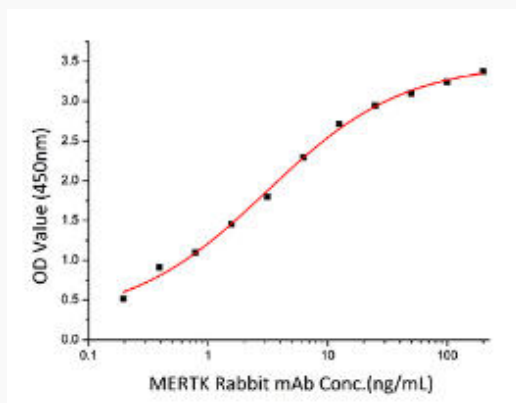
UniProt ID [Q12866](#)

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Activity



SDS-PAGE

