

Recombinant Mouse MERTK protein(19-497aa), His-tagged

Cat. No. MERTK-0515M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MERTK protein(Q60805)(19-497aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	19-497 a.a.
Form	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse Mertk at 2 µg/mL can bind anti-MERTK recombinant antibody, the EC50 is 19.22-25.80 ng/mL.
Molecular Mass	55.0 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a

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concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

GGTAEKWEETELDQLFSGPLPGRLPVNHRPFSAPHSSRDQLPPPQTGRSHPAHTA
APQVTSTASKLLPPVAFNHTIGHIVLSEHKNVKFNC SINIPNTYQETAGISWWKDGKE
LLGAHHSITQFYPDEEGVSIILFSIASVQRSDNGSYFCKMKVNNREIVSDPIYVEVQG
LPYFIKQPESVNVTRNTAFNLTCQAVGPPEPVNIFWVQNSSRVNEKPERSPSVLTVP
GLTETAVFSCEAHNDKGLTVSKGVHINIKVIPSPTEVHILNSTAHSILVSWVPGFDGY
SPLQNC SIQVKEADRLSNGSVMVFNTSASPHLYEIQQLQALANYSIIVSCRNEIGWS
AVSPWILASTTEGAPSVAPLNITVFLNESNNILDIRWTKPPIKRQDGELVGYRISHVWE
SAGTYKELSEEVSQNGSWAQIPVQIHNATCTVRIAAITKGGIGPFSEPVNIIPEHSKV
DYAPSSTPAPGNTDSM

GENE INFORMATION

Gene Name [Mertk c-mer proto-oncogene tyrosine kinase \[Mus musculus \]](#)

Official Symbol [MERTK](#)

Synonyms

MERTK; c-mer proto-oncogene tyrosine kinase; tyrosine-protein kinase Mer; Tyro 12; proto-oncogene c-Mer; receptor tyrosine kinase MerTK; proto-oncogene tyrosine-protein kinase Mer; Eyk; Mer; Nyk; nmf12;

Gene ID [17289](#)

mRNA Refseq [NM_008587](#)

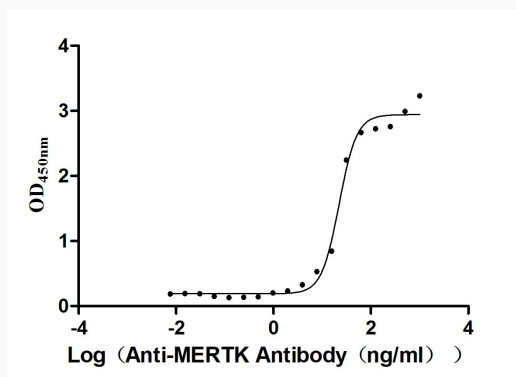
Protein Refseq [NP_032613](#)

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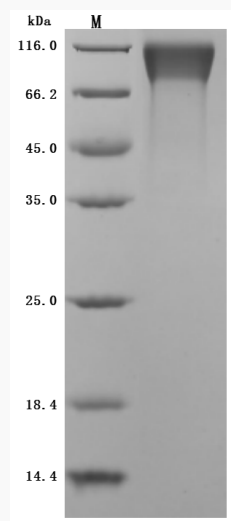
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Activity



SDS-PAGE



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