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

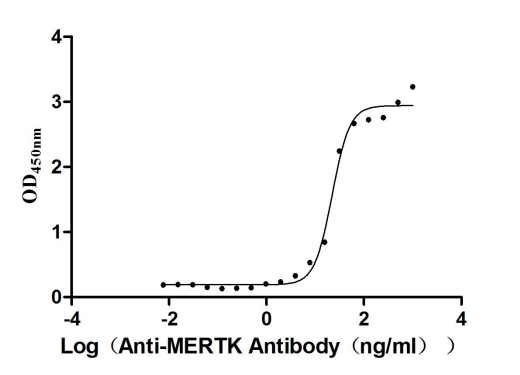
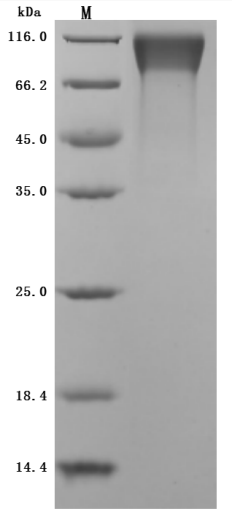
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	concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.
AA Sequence	GGTAEKWEETELDQLFSGPLPGRLPVNHRPFSAPHSSRDQLPPPQTGRSHPAHTA APQVTSTASKLLPPVAFNHTIGHIVLSEHKNVKFNCSINIPNTYQETAGISWWKDGKE LLGAHHSITQFYPDEEGVSIIALFSIASVQRSDNGSYFCKMKVNNREIVSDPIYVEVQG LPYFIKQPESVNVTRNTAFNLTCQAVGPPEPVNIFWVQNSSRVNEKPERSPSVLTVP GLTETAVFSCEAHNDKGLTVSKGVHINIKVIPSPPTEVHILNSTAHSILVSWVPGFDGY SPLQNCSIQVKEADRLSNGSVMVFNTSASPHLYEIQQLQALANYSIAVSCRNEIGWS AVSPWILASTTEGAPSVAPLNITVFLNESNNILDIRWTKPPIKRQDGELVGYRISHVWE SAGTYKELSEEVSQNGSWAQIPVQIHNATCTVRIAAITKGGIGPFSEPVNIIIPEHSKV 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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Activity	4 3 2 1 0 OD_{450nm} -4 -2 0 2 4 Log（Anti-MERTK Antibody（ng/ml））
SDS-PAGE	kDa M 116. 0 66. 2 45. 0 35. 0 25. 0 18. 4 14. 4

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