

Recombinant Mouse MerTK protein, hFc-tagged

Cat. No. MerTK-1149M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MerTK protein(Q60805)(Met1-Phe498), fused with hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Phe498
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The secreted recombinant mouse MERTK/Fc chimera is a disulfide-linked homodimer. The reduced monomer consists of 721 amino acids and has a predicted molecular mass of 79.3 kDa. As a result of glycosylation, rm MERTK/Fc monomer migrates as an approximately 130 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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