

Recombinant Human MERTK protein, His&hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MERTK protein(NP_006334.2)(Met1-Ala499), fused with His and hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ala499
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.
Molecular Mass	The recombinant human Mer/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 726 amino acids and predicts a molecular mass of 80 kDa. By SDS-PAGE, the apparent molecular mass of rh Mer/Fc monomer is approximately 140-150 kDa due to the glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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.

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1/2

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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 [<i>Homo sapiens</i>]
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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2/2

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