

## Recombinant Human MERTK protein, His&hFc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MERTK protein(NP_006334.2)(Met1-Ala499), fused with His and hFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Ala499
<b>Form</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	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.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**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 [ 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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