

## Recombinant Human MERTK protein(Glu578-Tyr872), His&GST-tagged

Cat. No. MERTK-1352H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MERTK (Q12866)(Glu 578-Tyr 872) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Glu578-Tyr872
<b>Form</b>	Supplied as sterile 50mM Tris, 100mM NaCl, pH 7.4, 20% gly, 0.3mM DTT.
<b>Molecular Mass</b>	The recombinant human MERTK (aa578-872)/GST chimera consists of 532 amino acids and has a calculated molecular mass of 62 kDa. It migRates as an approximately 50 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 92 % 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.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

 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

0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	MERTK c-mer proto-oncogene tyrosine kinase [ Homo sapiens ]
<b>Official Symbol</b>	MERTK
<b>Synonyms</b>	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;
<b>Gene ID</b>	10461
<b>mRNA Refseq</b>	NM_006343
<b>Protein Refseq</b>	NP_006334
<b>MIM</b>	604705
<b>UniProt ID</b>	Q12866

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