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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Insect Cells
ProteinLength	Glu578-Tyr872
Form	Supplied as sterile 50mM Tris, 100mM NaCl, pH 7.4, 20% gly, 0.3mM DTT.
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 92 % 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.
Reconstitution	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 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

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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