

Active Recombinant Mouse Mertk protein(Glu573-Tyr867), His&GST-tagged

Cat. No. Mertk-7397M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse MERTK (Q60805) (Glu573-Tyr867) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	Glu573-Tyr867
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Bio-activity	The specific activity was determined to be 15 nmol/min/mg using Poly(Glu,Tyr) 4:1 as substRate
Molecular Mass	The recombinant mouse MERTK/GST chimera consists of 532 amino acids and has a calculated molecular mass of 61.7 kDa. The recombinant protein migrates as an approximately 58 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 96 % 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

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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 [<i>Mus musculus</i>]
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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