

Recombinant Human TTK Protein (M1-K857, K857G), GST/Flag tagged

Cat. No. TTK-0822H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-3C-linker-TTK (M1-G857)(K857G)-linker-Flag-C Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	M1-K857, K857G
Description	Phosphorylates proteins on serine, threonine, and tyrosine. Probably associated with cell proliferation. Phosphorylates MAD1L1 to promote mitotic checkpoint signaling. Essential for chromosome alignment by enhancing AURKB activity (via direct CDCA8 phosphorylation) at the centromere, and for the mitotic checkpoint.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name TTK TTK protein kinase [Homo sapiens (human)]

Official Symbol TTK

Synonyms TTK; TTK protein kinase; dual specificity protein kinase TTK; cancer/testis antigen 96; CT96; MPS1L1; monopolar spindle 1-like 1; phosphotyrosine picked threonine kinase; phosphotyrosine picked threonine-protein kinase; ESK; PYT; MPS1; FLJ38280;

Gene ID 7272

mRNA Refseq NM_003318

Protein Refseq NP_003309

MIM 604092

UniProt ID P33981

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