

## Recombinant Human MATK (CTK) (N-GST tag)

Cat No:HR2R1700

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	MATK (CTK)
Gene ID	N/A
Accession	NM_139355
Alternative Name	CHK; CTK; HHYLTk; HYL; HYLTK; LSK
Species	Human
Source	Insect cells
Description	MATK belongs to tyrosine protein kinase family, CSK subfamily. It inactivates Src family kinase activity by specifically phosphorylating their C-terminal regulatory tyrosine residue and may plays a significant role in the signal transduction of hematopoietic cells . MATK binds to the phosphorylated Tyr568/570 sites on c-KIT to which FYN binds and leads to the down-regulation of FYN . MATK has been shown to be involved in signaling in some cases of breast cancer.
Functions	The specific activity of MATK (CTK)was determined to be 11nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	83
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.