

Recombinant Human LTK (N-GST tag)

Cat No:HR2R1680

For research use only

Overview

Quantity	10 ?g
Gene Symbol	LTK
Gene ID	N/A
Accession	NM_002344
Alternative Name	TYK1
Species	Human
Source	Insect cells
Description	LTK is a member of the ros/insulin receptor family of tyrosine kinases. LTK express a gene encoding a putative transmembrane protein-kinase devoid of an extracellular domain and it may encode a signal transduction subunit for one or more of the hematopoietic receptors . LTK gene produces not only the putative receptor tyrosine kinase for an unknown ligand but also multiple protein products that may have different functions . LTK causes upregulation of the PI3K pathway and possibly form a genetic component of susceptibility to abnormal proliferation of self-reactive B cells in SLE (3).
Functions	The specific activity of LTK was determined to be 15 nmol /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	70
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.