

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.