

Recombinant Human LTK Protein (K450-S864), GST tagged

Cat. No. LTK-0999H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-TEV-GG-LTK(K450-S864 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	K450-S864
Description	Receptor with a tyrosine-protein kinase activity. The exact function of this protein is not known. Studies with chimeric proteins (replacing its extracellular region with that of several known growth factor receptors, such as EGFR and CSFIR) demonstrate its ability to promote growth and specifically neurite outgrowth, and cell survival. Signaling appears to involve the PI3 kinase pathway. Involved in regulation of the secretory pathway involving endoplasmic reticulum (ER) export sites (ERESs) and ER to Golgi transport.
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.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	LTK leukocyte receptor tyrosine kinase [Homo sapiens (human)]
Official Symbol	LTK
Synonyms	LTK; leukocyte receptor tyrosine kinase; leukocyte tyrosine kinase; leukocyte tyrosine kinase receptor; TYK1; protein tyrosine kinase 1;
Gene ID	4058
mRNA Refseq	NM_001135685
Protein Refseq	NP_001129157
MIM	151520
UniProt ID	P29376

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