

Recombinant Human TLK2

Cat. No. TLK2-30422TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human TLK2 with N-terminal proprietary tag expressed in a Baculovirus infected Sf9 insect cell expression system; amino acids 388-772, 67 kDa,
Species	Human
ProteinLength	388-772 a.a.
Description	The Tausled-like kinases, first described in Arabidopsis, are nuclear serine/threonine kinases that are potentially involved in the regulation of chromatin assembly.
Tissue specificity	Widely expressed. Present in fetal placenta, liver, kidney, pancreas, heart and skeletal muscle. Also found in adult cell lines.
Biological activity	The specific activity of TLK2-30422TH was determined to be 79 nmol/min/mg
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequence Similarities Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. Contains 1 protein kinase domain.

GENE INFORMATION

Gene Name TLK2 tousled-like kinase 2 [Homo sapiens]

Official Symbol TLK2

Synonyms TLK2; tousled-like kinase 2; serine/threonine-protein kinase tousled-like 2; MGC44450; PKU ALPHA;

Gene ID 11011

mRNA Refseq NM_001112707

Protein Refseq NP_001106178

MIM 608439

Uniprot ID Q86UE8

Chromosome Location 17q23

Function ATP binding; nucleotide binding; protein serine/threonine kinase activity; protein serine/threonine kinase activity;

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