

Recombinant Human TLK2 protein

Cat. No. TLK2-1304H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLK2 protein(Q86UE8-1) (Leu397-Asn772) was expressed in Insect Cells, fused with two additional amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	397-772 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% glycerol, pH 8.0.
Molecular Mass	The recombinant human TLK2 consists of 378 amino acids and has a calculated molecular mass of 43.6 kDa. The recombinant protein migrates as an approximately 44 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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; serine/threonine kinase; PKU-ALPHA;
Gene ID	11011
mRNA Refseq	NM_001112707
Protein Refseq	NP_001106178
MIM	608439
UniProt ID	Q86UE8

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