

Recombinant Human TLK2, Gly & Pro tagged

Cat. No. TLK2-270H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TLK2 (Q86UE8-1) (Leu397-Asn772), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	397-772 a.a.
Predicted N Terminal	Gly
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
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
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage

Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

TLK2 tousled-like kinase 2 [Homo sapiens]

Official Symbol

TLK2

Gene ID

11011

mRNA Refseq

NM_001112707

Protein Refseq

NP_001106178

MIM

608439

UniProt ID

Q86UE8

**Chromosome
Location**

17q23

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