

Full-Length

TLK1 (Human) Recombinant Protein (P01)

Catalog # H00009874-P01

Size 50 ug

Specification

Product Description

Human TLK1 full-length ORF (AAH32657.1, 1 a.a. - 766 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSVQSSSGSLEGPPSWSQLSTPTPGSAAAARSLNHTPPSGRPREGAMDELHSLDPRRQELL
EARFTGVASGSTGSTGSCSVGAKASTNNESSNHSFGSLGSLSDKESETPEKKQSESSRGRKRK
AENQNESSQGKSIGGRGHKISDYFEYQGGNGSSPVRGIPPAIRSPQNSHSHSTPSSSVRPNSPSP
TALAFGDHPVQPKQLSFKIIQTDLTMLKLAALSNKIQDLEKKEGRIDLLRANCDLRRQIDEQQKL
LEKYKERLNCISMSKLLIEKSTQEKLSSREKSMQDRLRLGHFTTVRHGASFTEQWTDGFAFQN
LVKQQEWVNQQREDIERQRKLLAKRKPTANNSQAPSTNSEPKQRKNKAVNGAENDPFVVRPNL
PQLLTLAEYHEQEEIFKLRLGHLKKEEAEIQAELERLVRNLHIRELKRINNEDNSQFKDHPTLNE
RYLLLHLLGRGGFSEVYKAFDLYEQRYAAVKIHLNKSQRDEKKENYHKHACREYRIHKELDHPRI
VKLYDYFSLD TDFCTVLEYCEGNDLDFYKQHKLMSEKEARSIMQVNALRYLNEIKPPIIHYDLK
PGNILLVDGTACGEIKITDFGLSKIMDDDSYGVDGMDLTSQGAGTYWYLPPECFVVGKEPPKISNK
VDVWSVGVIFQCLYGRKPF GHNQSQDILQENTILKATEVQFPVKPVVSSEAKAFIRRCCLAYRKE
DRFDVHQLANDPYLLPHMRRSNSSGNLHMAGLTASPTPPSSSIITY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

113.1

Interspecies Antigen Sequence

Mouse (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TLK1

Entrez GeneID [9874](#)

GeneBank Accession# [BC032657.1](#)

Protein Accession# [AAH32657.1](#)

Gene Name TLK1

Gene Alias KIAA0137, PKU-beta

Gene Description tousled-like kinase 1

Omim ID [608438](#)

Gene Ontology [Hyperlink](#)

Gene Summary The Tousled-like kinases, first described in Arabidopsis, are nuclear serine/threonine kinases that are potentially involved in the regulation of chromatin assembly.[supplied by OMIM]

Other Designations SNARE protein kinase SNAK|serine threonine protein kinase