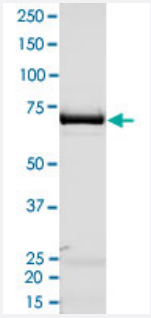
Bioactive

TNK2 (Human) Recombinant Protein

Catalog # P4645 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human TNK2 (NM_005781.4, 110 a.a. - 476 a.a.) partial recombinant protein with GST-His tag expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	71.13
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	GST affinity chromatography
Concentration	0.165 ug/uL

Activity	72 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Hepes, 100 mM NaCl, pH 7.5. (5 mM DTT, 15 mM reduced glutathione, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — TNK2

Entrez GeneID	10188
Protein Accession#	NM_005781.4
Gene Name	TNK2
Gene Alias	ACK, ACK1, FLJ44758, FLJ45547, p21cdc42Hs
Gene Description	tyrosine kinase, non-receptor, 2
Omim ID	606994
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a tyrosine kinase that binds Cdc42Hs in its GTP-bound form and inhibits both the intrinsic and GTPase-activating protein (GAP)-stimulated GTPase activity of Cdc42Hs. This b inding is mediated by a unique sequence of 47 amino acids C-terminal to an SH3 domain. The pr otein may be involved in a regulatory mechanism that sustains the GTP-bound active form of Cdc 42Hs and which is directly linked to a tyrosine phosphorylation signal transduction pathway. Sever al alternatively spliced transcript variants have been identified from this gene, but the full-length nat ure of only two transcript variants has been determined. [provided by RefSeq
Other Designations	activated Cdc42-associated kinase 1|activated p21cdc42Hs kinase