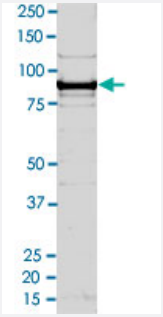
Bioactive Full-Length

TBK1 (Human) Recombinant Protein

Catalog # P4782 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human TBK1 (NM_013254.2, 1 a.a. - 729 a.a.) full-length recombinant protein expressed in Sf9 cells .
Host	insect
Theoretical MW (kDa)	64.16800000000001
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	GST affinity chromatography
Concentration	0.086 ug/uL

Activity	200 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, 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 — TBK1

Entrez GeneID	29110
Protein Accession#	NM_013254.2
Gene Name	TBK1
Gene Alias	FLJ11330, NAK, T2K
Gene Description	TANK-binding kinase 1
Omim ID	604834
Gene Ontology	Hyperlink
Gene Summary	The NF-kappa-B (NFKB) complex of proteins is inhibited by I-kappa-B (IKB) proteins, which inacti vate NFKB by trapping it in the cytoplasm. Phosphorylation of serine residues on the IKB proteins by IKB kinases marks them for destruction via the ubiquitination pathway, thereby allowing activati on and nuclear translocation of the NFKB complex. The protein encoded by this gene is similar to IKB kinases and can mediate NFKB activation in response to certain growth factors. For example , the protein can form a complex with the IKB protein TANK and TRAF2 and release the NFKB inh ibition caused by TANK. [provided by RefSeq
Other Designations	NF-kB-activating kinase

Pathway

- Toll-like receptor signaling pathway

Disease

- Hepatitis C