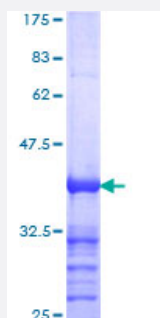


TBK1 (Human) Recombinant Protein (Q01)

Catalog # H00029110-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TBK1 partial ORF (AAH34950, 630 a.a. - 729 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LLSLTNQCFDIEEEVSKYQEYTNELQETLPQKMFTASSGKHTMTPYPSSNTLVEMTLGMKKLKEE MEGVVKELAENNHILERFGSLTMDGGLRNVDC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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 — TBK1

Entrez GeneID [29110](#)

GeneBank Accession# [BC034950](#)

Protein Accession# [AAH34950](#)

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 inactivate 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 activation 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 inhibition caused by TANK. [provided by RefSeq]

Other Designations NF-kB-activating kinase

Pathway

- [Toll-like receptor signaling pathway](#)

Disease

- [Hepatitis C](#)