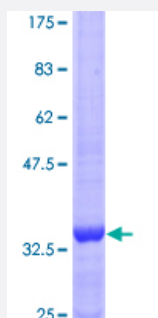


# TNK2 (Human) Recombinant Protein (Q01)

Catalog # H00010188-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human TNK2 partial ORF ( AAH08884, 21 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	QYFLRLRDDLNVTLSHFYVKNEDLEKIGMGRPGQRRRLWEAVKRRKALCKRKSWMSKVFSGK RLEAEFPPHHSQSTFRKTSPAPGGPAGEGPLQSLTCL
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.63
<b>Interspecies Antigen Sequence</b>	Mouse (95); Rat (96)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — TNK2

Entrez GeneID [10188](#)

GeneBank Accession# [BC008884](#)

Protein Accession# [AAH08884](#)

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 binding is mediated by a unique sequence of 47 amino acids C-terminal to an SH3 domain. The protein may be involved in a regulatory mechanism that sustains the GTP-bound active form of Cdc42Hs and which is directly linked to a tyrosine phosphorylation signal transduction pathway. Several alternatively spliced transcript variants have been identified from this gene, but the full-length nature of only two transcript variants has been determined. [provided by RefSeq]

**Other Designations** activated Cdc42-associated kinase 1|activated p21cdc42Hs kinase