

Product datasheet

Recombinant Human Tnk1 protein ab160156

1 Image

Overview

Product name Recombinant Human Tnk1 protein

Protein length Protein fragment

Description

Nature Recombinant

Source Wheat germ

Amino Acid Sequence

Species Human

Sequence WPERKPPHNHPMGMPGARKAAAALSGLLSDPELQRKIMEMELSVHWVTHQ
ECQTALGATGGDVASAIRNLKVDQLFLLSSRSRADCWRILEHYQWDL
SAA SRYVLARP

Amino acids 559 to 666

Tags proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab160156** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications ELISA

Western blot

Form Liquid

Additional notes Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

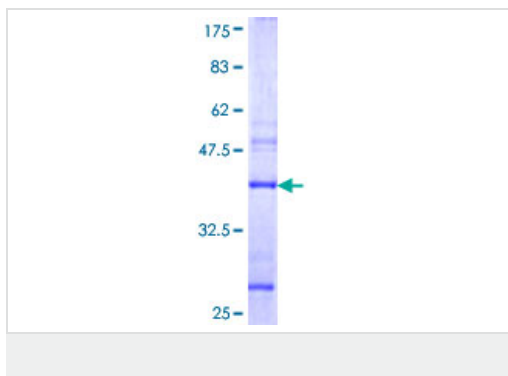
pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Involved in negative regulation of cell growth. Has tumor suppressor properties. Plays a negative regulatory role in the Ras-MAPK pathway. May function in signaling pathways utilized broadly during fetal development and more selectively in adult tissues and in cells of the lymphohematopoietic system. Could specifically be involved in phospholipid signal transduction.
Tissue specificity	Expressed in all umbilical cord blood, bone marrow and adult blood cell sub-populations and in several leukemia cell lines. Highly expressed in fetal blood, brain, lung, liver and kidney. Detected at lower levels in adult prostate, testis, ovary, small intestine and colon. Not expressed in adult lung, liver, kidney or brain.
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. Contains 1 protein kinase domain. Contains 1 SH3 domain.
Post-translational modifications	Autophosphorylated on tyrosine residues.
Cellular localization	Cytoplasm. Membrane.

Images



ab160156 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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