



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## PTK2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005747-T01

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

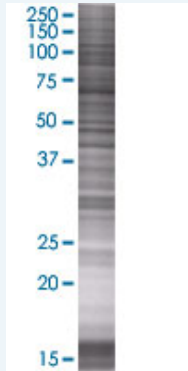
**Plasmid:** pCMV-PTK2 full-length

**Host:** Human

**Theoretical MW (kDa):** 74.91

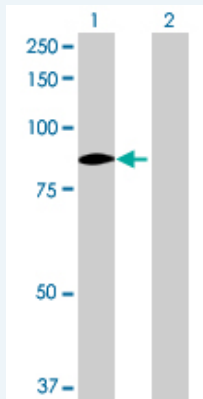
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-PTK2 antibody (H00005747-B01) by Western Blots.

#### SDS-PAGE Gel



PTK2 transfected lysate.

#### Western Blot



Lane 1: PTK2 transfected lysate ( 74.91 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

### Application Image

Western Blot

## Western Blot

### Gene Information

Entrez GeneID: [5747](#)

GeneBank [BC028733.2](#)  
Accession#:

Protein [AAH28733.1](#)  
Accession#:

Gene Name: PTK2

Gene Alias: FADK,FAK,FAK1,pp125FAK

Gene Description: PTK2 protein tyrosine kinase 2

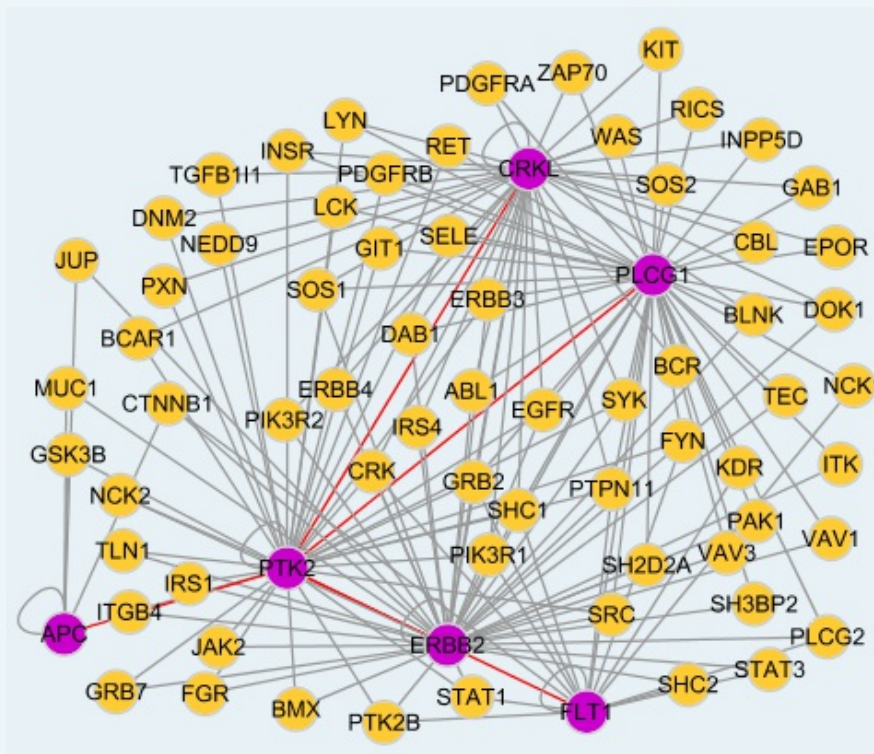
Omim ID: [600758](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix. At least four transcript variants encoding four different isoforms have been found for this gene, but the full-length nature of only two of them have been determined. [provided by RefSeq]

Other Designations: focal adhesion kinase 1

### Interactome



## Gene Pathway

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[Axon guidance](#) [Chemokine signaling pathway](#) [ErbB signaling pathway](#) [Focal adhesion](#)  
[Leukocyte transendothelial migration](#) [Pathways in cancer](#) [Regulation of actin cytoskeleton](#)  
[Small cell lung cancer](#) [VEGF signaling pathway](#)

## Related Disease

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