

Datasheet for ABIN7013019  
**PTK7 Protein (AA 31-704) (Fc Tag)**



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## Overview

Quantity:	100 µg
Target:	PTK7
Protein Characteristics:	AA 31-704
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTK7 protein is labelled with Fc Tag.

## Product Details

Purpose:	Human PTK7 / CCK4 Protein, Fc Tag (MALS verified)
Purity:	>95 % as determined by reduced SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

## Target Details

Target:	PTK7
Alternative Name:	PTK7 ( <a href="#">PTK7 Products</a> )
Background:	PTK7, highly expressed in lung, liver, pancreas, kidney, placenta and melanocytes. Weakly expressed in thyroid gland, ovary, brain, heart and skeletal muscle. Also expressed in erythroleukemia cells. Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity,

## Target Details

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proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.

Molecular Weight: 101.1 kDa

NCBI Accession: [NP\\_002812](#)

Pathways: [RTK Signaling, Tube Formation](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH 7.5

Storage: -20 °C