

## Datasheet for ABIN7121259 **PTK7 Protein (Fc Tag)**



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### Overview

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

### Product Details

Purpose:	Rat PTK7 / CCK4 Protein, Fc Tag
Sequence:	Ala 23 - Gln 695
Characteristics:	Rat PTK7, Fc Tag (PT7-R5255) is expressed from human 293 cells (HEK293). It contains AA Ala 23 - Gln 695 (Accession # NP_001382670.1).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 0.1 EU per µg by the LAL method.

### Target Details

Target:	PTK7
Alternative Name:	PTK7 / CCK4 ( <a href="#">PTK7 Products</a> )
Background:	Synonyms: PTK7,CCK4,CCK-4,Tyrosine-protein kinase-like 7,Protein-tyrosine kinase 7,Protein-tyrosine kinase 7, Description: PTK7, highly expressed in lung, liver, pancreas, kidney, placenta and melanocytes.

## Target Details

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

Molecular Weight: 100.7 kDa

NCBI Accession: [NP\\_001382670](#)

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

## Application Details

Application Notes: This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 100.7 kDa. The protein migrates as kDa under reducing (R) condition due to glycosylation.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

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

Storage: -20 °C

Storage Comment: -20°C