

Datasheet for ABIN7121184 **PTK7 Protein (His tag)**



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Overview

Quantity:	100 µg
Target:	PTK7
Origin:	Cynomolgus, Rhesus Monkey
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTK7 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus / Rhesus macaque PTK7 / CCK4 Protein, His Tag (MALS verified)
Sequence:	Ala 39 - Thr 712
Characteristics:	Cynomolgus / Rhesus macaque PTK7, His Tag (PT7-C52H3) is expressed from human 293 cells (HEK293). It contains AA Ala 39 - Thr 712 (Accession # A0A2K5VNI5-1). In the region Ala 39 - Thr 712, the AA sequence of Cynomolgus and Rhesus macaque PTK7 are homologous.
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.
Grade:	MALS verified

Target Details

Target:	PTK7
Alternative Name:	PTK7 / CCK4 (PTK7 Products)

Target Details

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. 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: 76.5 kDa

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

Application Details

Application Notes: This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 76.5 kDa. The protein migrates as kDa under reducing (R) condition due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C
