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Datasheet for ABIN7121260 **PTK7 Protein (His tag)**

Overview

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

Product Details

Purpose:	Rat PTK7 / CCK4 Protein, His Tag (MALS verified)
Sequence:	Ala 23 - Gln 695
Characteristics:	Rat PTK7, His Tag (PT7-R52H6) 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 1.0 EU per µg by the LAL method.
Grade:	MALS verified

Target Details

Target:	PTK7
Alternative Name:	PTK7 / CCK4 (PTK7 Products)
Background:	Synonyms: PTK7,CCK4,CCK-4,Tyrosine-protein kinase-like 7,Protein-tyrosine kinase 7,Protein-

Target Details

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: 76.1 kDa

NCBI Accession: [NP_001382670](#)

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 76.1 kDa. The protein migrates as 95-116 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