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Datasheet for ABIN7489090 PTK7 Protein (Fc Tag)

Overview

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

Product Details

Purpose:	Mouse PTK7 / CCK4 Protein, Fc Tag (MALS verified)
Sequence:	Ala 23 - Thr 696
Characteristics:	Mouse PTK7 Protein, Fc Tag is expressed from human 293 cells (HEK293). It contains AA Ala 23 - Thr 696 (Accession # Q8BKG3-1).
Purity:	90 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	PTK7
Alternative Name:	PTK7 (PTK7 Products)
Background:	PTK7, highly expressed in lung, liver, pancreas, kidney, placenta and melanocytes. Weakly

Target Details

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: 101.0 kDa

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

Application Details

Comment: This protein carries a human IgG1 Fc tag at the C-terminus. (Fc) The protein has a calculated MW of 101.0 kDa. The protein migrates as 100-150 kDa under reducing (R) condition (SDS-PAGE) 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