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Datasheet for ABIN7092672 PTK7 Protein (Fc Tag)

Overview

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

Product Details

Purpose:	Recombinant Human PTK7 protein with C-terminal human Fc
Specificity:	PTK7 (Ala31-Thr704) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 90 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	PTK7
Alternative Name:	PTK7 (PTK7 Products)
Background:	Synonyms: CCK-4, CCK4 Description: This gene encodes a member of the receptor protein tyrosine kinase family of proteins that transduce extracellular signals across the cell membrane. The encoded protein

Target Details

	lacks detectable catalytic tyrosine kinase activity, is involved in the Wnt signaling pathway and plays a role in multiple cellular processes including polarity and adhesion. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Weight:	predicted molecular mass of 100.8 kDa after removal of the signal peptide. The apparent molecular mass of PTK7-hFc is 100-130 kDa due to glycosylation.
Gene ID:	5754
UniProt:	Q13308
Pathways:	RTK Signaling , Tube Formation

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months