

## Product datasheet for **TP308127**

### PKC delta (PRKCD) (NM\_212539) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protein kinase C, delta (PRKCD), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208127 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAPFLRIAFNSYELGSLQAEDEANQPFCVAKMKEALSTERGKTLVQKKPTMYPEWKSTFDAHIYEGRVIQ  
IVLMRAAEEPVSEVTGVSVLAERCKKNNNGKAEFWLDLQPQAKVLMVSVQYFLEDVDCKQSMRSEDEAKFP  
TMNRRGAIKQAKIHYIKNHEFIATFFGQPTFCVCKDFVWGLNKQGYKCRQCNAAIHKKCIDKIIIGRCTG  
TAANSRDTIFQKERFNIDMPHRFKVHNYMSPTFCDHCGSLLWGLVKQGLKCEDCGMNVVHHKCREKVANLC  
GINQKLLAEALNQVTQRASRRSDSASSEPVGIYQGFEEKTGAVGEDMQDNSGTYGKIWEGSSKCNINNF  
FHKVLGKGSFGKVLGELKGRGEYFAIKALKKDVLLIDDDVECTMVEKRVLTAAENPFLTHLICTFQTK  
DHLFFVMEFLNGGDLMYHIQDKGRFELYRATFYAAEIMCGLQFLHSGIYRDLKLDNVLLDRDGHKIA  
DFGMCKENIFGESRASTFCGTPDYIAPEILQGLKYTFSVDWWSFGVLLYEMLIGQSPFHGDDEDELFESE  
RVDTPHYPRWITKESKDILEKLFEREPTKRLGVTGNIKIHPFFKTINWTLLEKRRLEPPFRPKVKSPRDY  
SNFDQEFLEKARLSYSDKNLIDSMDSQAFAGFSVNPKEHLLD

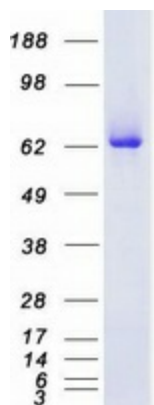
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	77.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_997704</a>
<b>Locus ID:</b>	5580
<b>UniProt ID:</b>	<a href="#">Q05655</a>
<b>RefSeq Size:</b>	2738
<b>Cytogenetics:</b>	3p21.1
<b>RefSeq ORF:</b>	2028
<b>Synonyms:</b>	ALPS3; CVID9; MAY1; nPKC-delta; PKCD
<b>Summary:</b>	The protein encoded by this gene is a member of the protein kinase C family of serine- and threonine-specific protein kinases. The encoded protein is activated by diacylglycerol and is both a tumor suppressor and a positive regulator of cell cycle progression. Also, this protein can positively or negatively regulate apoptosis. Defects in this gene are a cause of autoimmune lymphoproliferative syndrome. [provided by RefSeq, Aug 2017]
<b>Protein Families:</b>	Druggable Genome, Protein Kinase
<b>Protein Pathways:</b>	Chemokine signaling pathway, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, GnRH signaling pathway, Neurotrophin signaling pathway, Tight junction, Type II diabetes mellitus, Vascular smooth muscle contraction

**Product images:**

Coomassie blue staining of purified PRKCD protein (Cat# TP308127). The protein was produced from HEK293T cells transfected with PRKCD cDNA clone (Cat# [RC208127]) using MegaTran 2.0 (Cat# [TT210002]).