

Recombinant Mouse PKC delta / PRKCD Protein (His & GST tag)

Cat.NO.: TP06436

3th Edition

Synonyms:AI385711;D14Ert420e;Pkcd;PKCdelta;PKC[d]

Description:PRKCD, a novel member of the pkc gene family, maps to human chromosome 3. Protein kinase C (PKC) delta (PRKCD) is a member of the novel PKC subfamily that regulates gene expression in bovine trophoblast cells. Protein kinase Cdelta (PRKCD) initiates this process by phosphorylating FBXO25 and HAX-1, thereby spatially directing nuclear FBXO25 to mitochondrial HAX-1. PRKCD may suppress macroautophagy/autophagy, a cytoprotective mechanism, to promote kidney tubule cell death during cisplatin treatment. Interestingly, PRKCD may do so by phosphorylating AKT, which further phosphorylates MTOR to repress ULK1.

Form:PBS

Molecular Weight:106 kDa

Sequences:Met 1-Ile 674

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.