

## PDZD3 抗原（重组蛋白）

中文名称：PDZD3 抗原（重组蛋白）

英文名称：PDZD3 Antigen (Recombinant Protein)

别名：PDZ domain containing 3; IKEPP; PDZK2; NHERF4

储存：冷冻（-20℃）

相关类别：抗原

### 概述

Fusion protein corresponding to a region derived from 372-571 amino acids of human PDZD3

### 技术规格

<b>Full name:</b>	PDZ domain containing 3
<b>Synonyms:</b>	IKEPP; PDZK2; NHERF4
<b>Swissprot:</b>	Q86UT5
<b>Gene Accession:</b>	BC029042
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	Guanylyl cyclase C (GCC, or GUCY2C; MIM 601330) produces cGMP following the binding of either endogenous ligands or heat-stable enterotoxins secreted by E. coli and other enteric bacteria. Activation of GCC initiates a signaling cascade that leads to phosphorylation of the cystic fibrosis transmembrane conductance regulator (CFTR; MIM 602421), followed by a net efflux of ions and water into the intestinal lumen. IKEPP is a regulatory protein that associates with GCC and regulates the amount of cGMP produced following receptor stimulation (Scott et al., 2002 [PubMed 11950846]).