

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

Full name:	PDZ domain containing 3
Synonyms:	IKEPP; PDZK2; NHERF4
Swissprot:	Q86UT5
Gene Accession:	BC029042
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 re

gulates the amount of cGMP produced following receptor stimulation (Scott et al., 2002 [PubMed 11950846]).