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Datasheet for ABIN7317400 PDZD11 Protein (His tag)

Overview

Quantity:	100 µg
Target:	PDZD11
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDZD11 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PDZD11/PDZK11/PISP Protein (His Tag)
Sequence:	Asp 2-His 140
Characteristics:	A DNA sequence encoding the human PDZD11 (NP_057568.1) (Asp 2-His 140) was expressed, with a polyhistidine tag at the N-terminus.
Purity:	> 97 % as determined by reducing SDS-PAGE.

Target Details

Target:	PDZD11
Alternative Name:	PDZD11/PDZK11/PISP (PDZD11 Products)
Background:	Background: PDZ domain-containing protein 11, also known as AIPP1a, PISP, PDZD11 and PDZK11, is a cytosolic protein which contains one PDZ (DHR) domain. PDZD11 bears resemblance to members of the MALS / VELIS family of proteins. It contains but one PDZ domain that apparently interacts with the C-terminus of partner proteins. PDZD11 is

Target Details

ubiquitously expressed, and appears to target calcium and copper ATPases to basolateral cell membranes. PDZD11 is a transiently interacting partner of the PMCA b-splice forms that may play a role in their sorting to or from the plasma membrane. Full-length human PDZD11 shares 97% amino acids (aa) identity with mouse PDZD11.

Synonym: AIPP1;PDZK11;PISP

Molecular Weight: 16.9 kDa

NCBI Accession: [NP_057568](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 8.0

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.