Recombinant Human PDZD11/PDZK11/PISP Protein (His Tag)

Catalog Number:PKSH030879

Note: Centrifuge before opening to ensure complete recovery of vial contents.

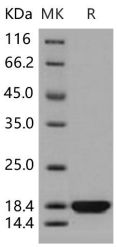
Description

Synonyms	AIPP1;PDZK11;PISP
Species	Human
Expression Host	E.coli
Sequence	Asp 2-His 140
Accession	NP_057568.1
Calculated Molecular Weight	16.9 kDa
Observed molecular weight	18 kDa
Tag	N-His

Properties

Purity	> 97 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 8.0 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 97 % as determined by reducing SDS-PAGE.

Background

PDZ domain-containing protein 11, also known as AIPP1a, PISP, PDZD11 and PDZK11, is a cytosolic protein which contains onePDZ (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 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.

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