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

Catalog Number: PKSH030879

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

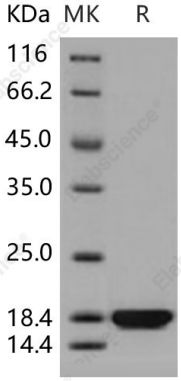
Description

Species	Human
Source	E.coli-derived Human PDZD11/PDZK11/PISP protein Asp 2-His 140, with an N-terminal His
Calculated MW	16.9 kDa
Observed MW	18 kDa
Accession	NP_057568.1
Bio-activity	Not validated for activity

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°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.
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% Tween 80 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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