



Recombinant Protein Technical Manual
Recombinant Human PDZD11/PDZK11/PISP Protein
(His Tag)
RPES3254

Product Data:

Product SKU: RPES3254

Size: 20µg

Species: Human

Expression host: E. coli

Uniprot: NP_057568.1

Protein Information:

Molecular Mass: 16.9 kDa

AP Molecular Mass: 18 kDa

Tag: N-His

Bio-activity:

Purity: > 97 % as determined by reducing SDS-PAGE.

Endotoxin: Please contact us for more information.

Storage: 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

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

Application:

Synonyms: AIPP1;PDZK11;PISP

Immunogen Information:

Sequence: Asp 2-His 140

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 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.