

PDZ Domain Containing 11 Human Recombinant

Item Number	rAP-4528
Synonyms	PDZ domain-containing protein 11, ATPase-interacting PDZ protein, Plasma membrane calcium ATPase-interacting single-PDZ protein, PMCA-interacting single-PDZ protein, PDZD11, AIPP1, PDZK11, PISP.
Description	PDZD11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 163 amino acids (1-140 a.a) and having a molecular mass of 18.5kDa. PDZD11 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q5EBL8
Amino Acid Sequence	MGSSHHHHH SSSLVPRGSH MGSMDSRIPY DDYPVFLPA YENPPAWIPP HERVHHPDYN NELTQFLPRT ITLKPPGAQ LGFNIRGGKA SQLGIFISKV IPDSDAHRAG LQEGDQVLAV NDVDFQDIEH SKAVEILKTA REISMRVRF PYNHRQKER TVH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	PDZD11 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**