

## PDZ Domain Containing 1 Human Recombinant

<b>Item Number</b>	rAP-4529
<b>Synonyms</b>	PDZ Domain Containing 1, PDZ-Containing Kidney Protein 1, Na(+)/H(+) Exchange Regulatory Cofactor NHE-RF3, Na/Pi Cotransporter C-Terminal-Associated Protein 1, Sodium-Hydrogen Exchanger Regulatory Factor 3, CFTR-Associated Protein Of 70 KDa, NHERF-3, CAP7
<b>Description</b>	PDZK1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 542 amino acids (1-519 a.a.) and having a molecular mass of 59.0kDa.PDZK1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q5T2W1
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMTSTFNP RECKLSKQEG QNYGFFLRIE KDTEGHLVRV VEKCSPA EKA GLQDGDRLVR INGVFVDKEE HMQVVDLVRK SGNVTL LVL DGDSYEKAVK TRVDLKE LGQ SQKEQGLSDN ILSPVMNGGV QTWTQPRLCY LVKEGGSYGF SLKTVQGKKG VYMTDIT- PQG VAMRAGVLAD DHLIEVNGEN VEDASHEEVV EKVKKSGSRV MFLLVDKETD KRHVEQKI QF KRE- TASL KLL PHQPRIVEMK KGSNGYGFYL RAGSEQKGQI IKDIDSGSPA EEAGLKNNDL VVAVNGESVE TLDHDSVVEM IRKGGDQ TSL LVVDKETDNM YRLAHFSPFL YYQSQELPNG SVKEAPPTP
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	PDZK1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.1M NaCl, 0% glycerol and 1mM DTT. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**