

# Human PDZK1 Recombinant Protein



RPPB4219

## Product Information Protein Information

### Product SKU:

RPPB4219

### Accession:

Q5T2W1

### Host:

E.coli.

### Protein description:

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.

### Appearance:

Sterile Filtered colorless solution.

### Synonyms:

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, CAP70, PDZD1, CLAMP, naPi-Cap1.

### Formulation:

PDZK1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.1M NaCl, 10% glycerol and 1mM DTT.

### Purity:

Greater than 90% as determined by SDS-PAGE.

### Stability:

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.

### Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMTSTFNP RECKLSKQEG QNYGFFLRIE KDTEGHLVRV VEKCSPAEKA  
GLQDGRVLR ING VFVDKEE HMQVVDLVRK SGNSVTLLVL DGDSYEKAVK TRVDLKEGQ SQKEQGLSDN  
ILSPVMNGGV QTWTQPRLCY LVKEGGSYGF SLKTVQGKKK VYMTDITPQG VAMRAGVLAD DHLIEVNGEN  
VEDASHEEVV EKVKKSRSRV MFLLVDKETD KRHVEQKIQF KRETASLKL PHQPRIVEMK KSGNGYGFYL  
RAGSEQKGQI IKDIDSGSPA EEAGLKNNDL VVAVNGESVE TLDHDSVEM IRKGGDQTS L LVVDKETDNM  
YRLAHFSPFL YYQSQELPNG SVKEAPPTP TSLEVSSPPD TTEVDHKKPK LCRLAKGENG YGFHLNAIRG  
LPGSFIKEVQ KGGPADLAGL EDEDVIEVN GVNVLDEPYE KVVDRIQSSG KNVTLVCGK KAYDYFQAKK  
IPIVSSLADP LDTPPDSKEG IVVESNHDSH MAKERAHSTA SHSSNSSED T EM