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32-4426: Recombinant Human PDZ Domain Containing 1

Alternative Name :	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,

Description

Source : E.coli. 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. PDZK1 is a PDZ domain-containing scaffolding protein which facilitates localization of cell surface proteins and has a key part in cholesterol metabolism by regulating the HDL receptor, scavenger receptor class B type 1. Single nucleotide polymorphism in this gene is linked to metabolic syndrome, and overexpression results in drug resistance of multiple myeloma.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	PDZK1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.1M NaCl, 0% glycerol and 1mM DTT.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MGSMTSTFNP RECKLSKQEG QNYGFFLRIE KDTEGHLVRV VEKCSPAEKA GLQDGDRVLR INGVFVDKEE HMQVVDLVRK SGNSVTLLVL DGDSYEKAVK TRVDLKELGQ SQKEQGLSDN ILSPVMNGGV QTWTQPRLCY LVKEGGSYGF SLKTVQGKKG VYMTDITPQG VAMRAGVLAD DHLIEVNGEN VEDASHEEVV EKVKKSGSRV MFLLVDKETD KRHVEQKIQF KRETASLKLL PHQPRIVEMK KGSNGYGFYL RAGSEQKGQI IKDIDSGSPA EEAGLKNNDL VVAVNGESVE TLDHDSVVEM IRKGGDQTSL LVVDKETDNM YRLAHFSPFL YYQSQELPNG SVKEAPAPTP TSLEVSSPPD TTEEVDHKPK LCRLAKGENG YGFHLNAIRG LPGSFIKEVQ KGGPADLAGL EDEDVIIEVN GVNVLDEPYE KVVDRIQSSG KNVTLLVCGK KAYDYFQAKK IPIVSSLADP LDTPPDSKEG IVVESNHDSH MAKERAHSTA SHSSSNSEDT EM

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