

Datasheet for ABIN5852951
PDZK1 Protein (AA 1-519) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	PDZK1
Protein Characteristics:	AA 1-519
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDZK1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMTSTFNP RECKLSKQEG QNYGFFLRIE KDTEGHLVRV VEKCSPA EKA GLQDGDRLVR ING VFVDKEE HMQVVDLVRK SGNSVTLLVL DGDSYEKAVK TRVDL KELGQ SQKEQGLSDN ILSPVMNGGV QTWTQPRLCY LVKEGGSYGF SLKTVQGKKG VYMTDITPQG VAMRAGVLAD DHLIEVNGEN VEDASHEEVV EKVKKSGSRV MFLLVDKETD KRHVEQKI QF KRETASL KLL PHQPRIVEMK KGSNGYGFYL RAGSEQKGQI IKDIDSGSPA EEAGLKNNDL VVAVNGESVE TLDHDSVVEM IRKGGDQTS L LVVDKETDNM YRLAHFSPFL YYQSQELPNG SVKEAP APTP TSLEVSSPPD TTEEVDHKPK LCRLAKGENG YGFHLNAIRG LPGSFIKEVQ KGGPADLAGL EDEDVIEVN GVNVLDEPYE KVDRIQSSG KNVTLVCGK KAYDYFQAKK IPIVSSLADP LDTPPDSKEG IVVESNHDSH MAKERAHSTA SHSSNS EDT EM
Purity:	> 90 % by SDS - PAGE

Target Details

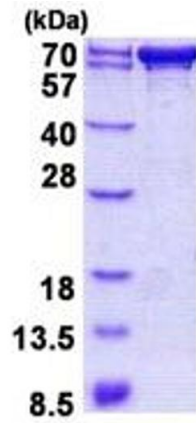
Target:	PDZK1
Alternative Name:	PDZK1 (PDZK1 Products)
Background:	PDZK1 is a PDZ domain-containing scaffolding protein. This protein mediates the localization of cell surface proteins and plays a critical role in cholesterol metabolism by regulating the HDL receptor, scavenger receptor class B type 1. Single nucleotide polymorphisms in this gene may be associated with metabolic syndrome, and overexpression of this gene may play a role in drug resistance of multiple myeloma. Recombinant human PDZK1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Molecular Weight:	59 kDa (542aa)
NCBI Accession:	NP_001188254
UniProt:	Q5T2W1

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10 % glycerol, 1 mM DTT.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.