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Product datasheet for SC206412

PDZK1 (NM_002614) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PDZK1 (NM_002614) Human 3' UTR Clone
Symbol:	PDZK1
Synonyms:	CAP70; CLAMP; NHERF-3; NHERF3; PDZD1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002614
Insert Size:	614 bp
Insert Sequence:	>SC206412 3'UTR clone of NM_002614 The sequence shown below is from the reference sequence of NM_002614. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCTTCCAATTCTGAAGATACAGAGATGTGATGAAAACAAGTAATAGCTTTGGCTGTTTATTTGATAGCT GTTTCTGGGTATTTAATAGGAATCCTTTCTCAAGGAATGAGTTGTGACCTGTTTACTGTCTCTTTAGAA GAAAAACTCCACTGGAAACCATTCACCATGTGTGATTGTCTTCTGTTATCATTTGTCTTACAGGCGGCT ATTGCAGACGGCTAATTTATGCTTAACTTAGGAAGAGATAAGGCAAGAGCTAGATTTTTTTCATGTGAT CTTTTCCAAGCTTCAACTTAACTTAACTACATTTCTCTGTATGATGATGTCTCTTACTTCTACAGGTTC CTTGAGCACCAAAGATGATTCATAACTCTGTATAGGTGACAGCTGCTTATAAAAGCATCTTAGCAGATA AGCCTATTAAAATTGTGCTTTTGTAACAATGTTGTGGTTGCTAGAATAAATACCATTAACAAATGCCTT TTGAGTATGCTTGATAGTGCTTTTGTTTTGGATTCACTTTTTATGCTTTAACCTTCATTTGCCTCTAGA AACCCAAAACACAATAAAGTACAGAATAAGACCTTAGTAATAAAATTCAGAATTTTCTTAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_002614.4
Summary:	This gene encodes a PDZ domain-containing scaffolding protein. PDZ domain-containing molecules bind to and mediate the subcellular localization of target proteins. The encoded 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. Pseudogenes of this gene are located on the long arm of chromosome 1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]
Locus ID:	5174
MW:	23.4

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