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Product datasheet for SC207595

POLDIP1 (KCTD13) (NM_178863) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	POLDIP1 (KCTD13) (NM_178863) Human 3' UTR Clone
Symbol:	POLDIP1
Synonyms:	BACURD1; FKSG86; hBACURD1; PDIP1; POLDIP1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_178863
Insert Size:	563 bp
Insert Sequence:	>SC207595 3'UTR clone of NM_178863 The sequence shown below is from the reference sequence of NM_178863. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CATGGCCAACAAATTGTCTTCAAGGACTGACCTCTGACCCTCCCCCTGCCTTCCTCTTGCCTTGGGACC CAGTCCCTCTCTCTTTCCCTCCCCTTCCCAGACTTTTGCCCCGGCTCTGCTGGCCAAGTCGTGGGTCCT CCTCTGTCCCTTCATTGCATGGCACAGCTCACTTTGGCCCTTCTCCACCCATCCCAACCCCATTGCTAA CAACATGGTACATTCCGGCCCCACCACTCAGAGCCTTCCGAAGCCAACACTTGTCCCCACCCTGGCCCT GCGTCCTTCCCTCTCCAGCTGGTTAAGAGGGATTTAGAATTCCCTTTCTCTTTTTTTAGTGCATCGTCC ATGCCAAAGTGTGCGGCCCTTCCTGACATCACCACAGTCTGAGCAGCCTCCCGCGTCCTGCAGGGTAGT CCGCCCCCTCCTCCCCACCATCCTCCCTACCTCCTTAACTTTGTACTAGACTGGCCTGGGCCTGCCCAG CTCAGCGTTATCAGTCTGTTTCATATTATTTATTATTTTAATTTTCTATTAAATTATTGAAATAAAGTT AAGTTGAGAAA 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_178863.5
Summary:	Substrate-specific adapter of a BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex required for synaptic transmission (PubMed:19782033). The BCR(KCTD13) E3 ubiquitin ligase complex mediates the ubiquitination of RHOA, leading to its degradation by the proteasome (PubMed:19782033) Degradation of RHOA regulates the actin cytoskeleton and promotes synaptic transmission (By similarity).[UniProtKB/Swiss-Prot Function]
Locus ID:	253980
MW:	20.5