

Product datasheet for **SC327844**

DIPK1C (NM_001044369) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DIPK1C (NM_001044369) Human Untagged Clone
Tag:	Tag Free
Symbol:	DIPK1C
Synonyms:	C18orf51; FAM69C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC327844 representing NM_001044369. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGCGCGGGCGGCGGGCGCGGGGCCCTGCCGGTGGTGCAGGAGGCGCGGGCGCTGCGGGCGGGGC
ACGCTCCTCGCCTTCGCCCGTGGACCGCGGGCTGGGTGCTGGCGGCCGCGCTGCTGCTCCGCGCGCAC
CCGGGTGTCTCTCCGAGCGCTGCACCGACGAGAAGAGCCGGCGCATCCTGGCCGCGCTGTGCCAGGAC
TACCAGGGCGGCACGCTGGCCGGGGACCTCTGCGAGGACCTGTGTGTGGCGGGAGAGCTGCTGTTCCAA
CGCTGCCTGCACTACAACAGAGGCAAGAAGGTGCTGCAGGCCGACTGGCGCGGCCGGCCCGTGGTCTC
AAGTCCAAGGAGGAGGCCTTCTCCAGCTTCCCGCCCTCAGCCTGTTGGAAGAGGAGGCAGGGGAGGT
GGCCAGGACATGCCCAGGCCGAACCTCCTGATGGTGGCTGGGAGGTCAAGAGCGCTCTGGGCCTG
GAGTTGTCCAACAGCAGCCTGGGGCCGTGGTGGCCGGGACGGCGGGCCACGCTGGCGGGACAGCTG
GCCAGCCTGTGGGCCCTGCTGCAGCAGGAGGAGTACGTCTACTTCAGCCTGCTGCAGGACCTGAGCCCA
CACGTGCTGCCCGTGTGGGTCTGCGGCCACTTCTACGCGGTGGAGTTCTGGCCGCGGGCAGCCCC
CACCACAGGGCACTTCCCCCTGGACCGGGCCCCAGGTGCCCTGGGGTGGCCAGGCCAAGGCCATC
AGTGACATCGCACTCAGCTTCTTGGACATGGTGAACATTTTGACAGTGACTTTTCCACCGCCTCCAC
CTCTGCAGATCAAGCCGAAAACTTTGCCATCCGGAGCGACTTCACAGTGGTGGCTATTGATGTGGAC
ATGGCCTTTTTGAACCTAAAATGAGGAAATCCTTGAGCAAACTGCACAGGAGATGAAGACTGCAAT
TTCTTTGACTGTTTTCAAGATGTGATTTACGAGTCAACAAATGCGGAGCGCAGCGGTAACAACAAC
CTGCAGGTCTCTGTGACAAAATATTTGCCATTGGTTTTCCGCGCCTCTCAAGAGCTCTGCGGTCTCT
TTCCAGCTTCAGCTGCAGTTACAGGAGGCGGTGCAGGAATGTGCAGACCCTGGGGTCCCCAGTGGGAAC
ACCCGGAGAGCAGCCTCCAGCGTGTCTGGAAGCTTCGCCAACTCCTCAAGCCACACTGAGGGAGCTG
CAGGAGGCAGAGAAG**AG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001044369
Insert Size:	1260 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001044369.2</u>
RefSeq Size:	2048 bp
RefSeq ORF:	1260 bp
Locus ID:	125704
UniProt ID:	<u>Q0P6D2</u>
Cytogenetics:	18q22.3
MW:	46.4 kDa
Gene Summary:	This gene encodes a member of the FAM69 family of cysteine-rich type II transmembrane proteins. These proteins localize to the endoplasmic reticulum but their specific functions are unknown. [provided by RefSeq, Nov 2011]