

Product datasheet for **SC100588**

DIPK1B (NM_152421) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DIPK1B (NM_152421) Human Untagged Clone
Tag:	Tag Free
Symbol:	DIPK1B
Synonyms:	C9orf136; FAM69B; pp6977
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100588 sequence for NM_152421 edited (data generated by NextGen Sequencing)

ATGCGGCGGCTGCGGCGCCTGGCGCACCTGGTGTCTTCTGCCCTTCTCCAAGCGCCTG
CAGGGCCGGCTCCAGGCCTCAGGGTCCGCTGCATCTTCTGGCCTGGCTGGGCGTCTTT
GCAGGCAGCTGGTGGTGTACGTGCACTACTCGTCTACTCGGAGCGCTGTCGCGCCAT
GTCTGCCAGTGGTCATTTGTGACCAAGTACCGCAAGGGGATCATCTCGGCTCCGTCTGC
CAGGACCTGTGTGAGCTGCATATGGTGGAGTGGAGGACCTGCCTCTCGGTGGCCCCGGG
CAGCAGGTGTACAGCGGCTCTGGCGGACAAGGATGTAACCATCAAGTGTGGCATTGAG
GAGACCCTCGACTCCAAGGCCGGTCCGATGCGGCCCCCGGCGGAGCTGGTACTGTTT
GACAAGCCACCCGGGGACCTCCATCAAGGAATTCGGGAGATGACCCTCGGCTTCCTC
AAGGCGAACCTGGGAGACCTGCCTTCCCTGCCGCGCTGGTTGGCCAGGTCTGCTCATG
GCTGACTTCAACAAGGACAACCGGTGTCCCTGGCGGAAGCCAAGTCCGTGTGGGCCCTG
CTGCAGCGTAACGAGTTCTGCTGCTGCTGCCCTGCAGGAGAAGGAGCACGCCTCCAGA
CTGCTGGGCTACTGTGGGACCTCTACCTACCGAAGGCGTGCCGATGGCGCCTGGCAC
GCGGCCGCCCTCCACCCCTGTTGCGCCCACTGCTGCCGCTGCCCTGCAGGGTGTCTC
CAGCAGTGGTGGGCGCTGCGTGGCCTTGGCGGCCAAGATCGCCATCGGCTGCTGGAG
TTCGTGGAGGAGCTCTTCCACGGCTCTTACGGGACTTTCTACATGTGTGAGACCACACTG
GCCAACGTGGGTACACAGCCACCTACGACTTCAAGATGGCCGACCTGCAGCAGGTGGCA
CCCGAGGCCACCGTGCGCCGCTTCTGCAGGGCCGCGCTGCGAGCACAGCACCGACTGC
ACCTACGGGCGCGACTGCAGGGCCCGTGTGACAGGCTCATGAGGCAGTGCAAGGGCGAC
CTCATCCAGCCCAACCTGGCCAAGGTGTGCGCACTGCTACGGGGTACCTGCTGCCTGGC
GCGCCCCGCGACCTCCGCGAGGAGCTGGGCACACAGCTGCGCACCTGTACCACGCTGAGC
GGGCTGGCCAGCCAGGTGGAGGCCATCACTCGCTGGTGTCTAGCCACCTCAAGACTCTG
CTCTGGAAGAAGATCTCCAACCAAGTACTCTTGA

Clone variation with respect to NM_152421.3
472 a=>g;696 g=>a;732 t=>c



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152421 unedited <pre> NGGGTTACATTAGGNATACGACTTATATAGGCGGCCGCGNAATTCGCACCAGCGGGCCG GGCCGGGCGGGGCTGAGGCCGAGCGAGCCGCGGGGCCGCGCAGCCCCGGCCGGAGCCC ACCATGCGGGCGGCTGCGGCGCCTGGCGCACCTGGTGCTCTTCTGCCCCCTTCTCCAAGCGC CTGCAGGGCCGGCTCCCAGGCCTCAGGGTCCGCTGCATCTTCTGGCCTGGCTGGGCGTC TTTGCAGGCAGCTGGCTGGTGTACGTGCACTACTCGTCTACTCGGAGCGCTGTCGCGGC CATGTCTGCCAGGTGGTCATTTGTGACCAGTACCGCAAGGGGATCATCTCGGGCTCCGTC TGCCAGGACCTGTGTGAGCTGCATATGGTGGAGTGGAGGACCTGCCTCTCGGTGGCCCCG GGCCAGCAGGTGTACAGCGGGCTCTGGCGGGACAAGGATGTAACCATCAAGTGTGCATT GAGGAGACCCTCGACTCCAAGGCCCGGTGCGATGCGGCCCGCGGGAGCTGGTACTG TTTGACAAGCCCACCGNGCACCTCCATCAAGGAATTCGGGAGATGACCCTCGGCTTC CTCAGGCGAACCTGGGAGACCTGCCTTCCCCTGCCGCGCTGGGTGGCCAGTCTGCTCA TGGCTGACTTCAACAAGGACAACCGGNTGTCCCCTGCGAAAGCAAGTCCGTGTGGGCC TGCTGCAGCGTAACGAGTTCCTGCTGCTGCTGCCCTGCAGGAAAGGAGCAGCCTNCAG ACTGCTGGGCTACTGTGGGGACCTCTACCTACCNAAGGCGTGCCGCATGGCGCCTGGCA CGGCGCCGNNCTCCCACCCTGGTGCCCCACTGCTGGCGCCTGCCTTGACAGNGN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_152421
Insert Size:	2450 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).
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:	NM_152421.2 , NP_689634.1
RefSeq Size:	1674 bp
RefSeq ORF:	1296 bp
Locus ID:	138311
UniProt ID:	Q5VUD6
Cytogenetics:	9q34.3
Protein Families:	Transmembrane

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]