

Product datasheet for **RC237881**

DIPK1A (NM_001252269) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DIPK1A (NM_001252269) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DIPK1A
Synonyms:	FAM69A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237881 representing NM_001252269 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGAGGAGTCTCTGTCCGGGGCCCTGGCTAAGGAAACCTATTACCTCCAGTGTGACAAGTACAAGA
CTGGAGTTATTGATGGGCTGCATGTAACAGCCTTTGTGTTACAGAACTCTTACTTTGAAAAATGTTT
ATCCACCAAGCCCAACAATCAGATGTATTTAGGGATTTGGGATAATCTACCAGGTGTTGTGAAATGTCAA
ATGGAACAAGCGCTTCATCTTGATTTTGAAGTGAATTGGAACCAAGAAAAGAAATAGTGCTATTTGATA
AGCCAAGTACAGGAACTACTGTACAAAAATTTAAAGAAATGGTCTATAGTCTCTTAAAGGCAAAATTTGGG
TGACCAAGGAAACCTCTCTGAAGTGGTAACTCATCTTGACGGTGGCTGATGGAGACAAAGATGGCCAG
GTTTCCTTGGGAGAAGCAAAGTCGGCATGGGCACTTCTTCAACTGAATGAATTTCTTCTCATGGTGATAC
TTCAAGATAAAGAACATACCCCAAAATTAATGGGATTCGTGGTGACCTCTATGTGATGGAAAGTGTGGA
ATATACCTCTCTTATGGAATAAGCCTTCCTTGGGTCAATTGAACTTTTATTCCATCTGGGTTCAGAAGA
AGCATGGATCAGCTGTTACACCATCATGGCCAAGAAAGGCCAAAATAGCCATAGGACTTCTAGAATTTG
TGGAAGATGTTTTCCATGGCCCTACGGAAATTTCCCTCATGTGCGATACTAGTGCCAAAACCTAGGATA
TAATGATAAGTATGATTTGAAAATGGTGGATATGAGAAAATTTGGCCAGAGACAAACCTGAAAGAACTT
ATTAAGGATCGTCACTGTGAGTCTGATTTGGACTGTGTCTATGGCACAGATTGTAGAAGTACTGTGATC
AGAGTACAATGAAGTGTACTTCAGAAGTGATACAACAACTTGGCAAAAGCTTGTGAGTTACTCAAAGA
CTACCTACTGCGTGGTCTCCAAGTGAATTCGTGAAGAATTAGAAAAGCAGCTTTATTCTTGATTGCT
CTCAAAGTCACAGCAAATCAAATGGAATGGAACATTCTTTGATACTAAATAACCTAAAAACATTATTGT
GGAAGAAAATTTCTACACTAATGACTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RC237881 representing NM_001252269
 Red=Cloning site Green=Tags(s)

MARSLCPGAWLRKPYYLQCDKYKTGVIDGPACNSLCVTETLYFGKCLSTKPNNQMYLGIWDNLPGVVKCQ
 MEQALHLDFGTELEPRKEIVLFDKPTRGTTVQKFEMVYSLFKAKLGDQGNLSELVNLILTVADGDKDGQ
 VSLGEAKSAWALLQLNEFLLMVILQDKEHTPKLMGFCGDLYVMESVEYTSLYGISLPWVIELFIPSGFRR
 SMDQLFTPSWPRKAKIAIGLLEFVEDVFHGPYGNFLMCDTSAKNLGYNDKYDLKMVDMRKIVPETNLKEL
 IKDRHCESDLDCVYGTDCRTSCDQSTMKCTSEVIQPNLAKACQLLKDYLLRGAPSEIREELEKQLYSCIA
 LKVTANQMEMEHSILNLLKTLWKKISYTND

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

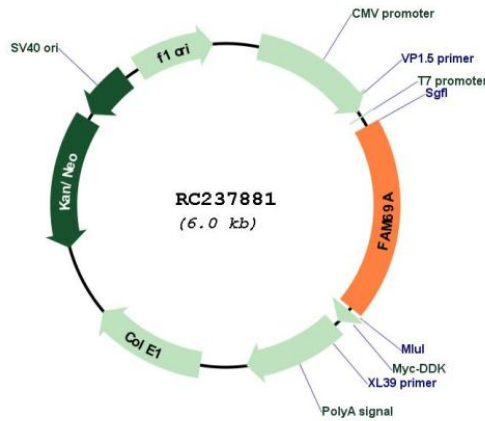
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001252269

ORF Size:	1149 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001252269.1 , NP_001239198.1
RefSeq Size:	2468 bp
RefSeq ORF:	1152 bp
Locus ID:	388650
Cytogenetics:	1p22.1
Protein Families:	Transmembrane
MW:	44 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. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Nov 2011]