

Product datasheet for **RG237777**

DIPK1A (NM_001252270) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DIPK1A (NM_001252270) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	DIPK1A
Synonyms:	FAM69A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237777 representing NM_001252270. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGAGGAGTCTCTGTCCGGGGCCTGGCTAAGGAAACCCATTACCTCCAGGCTCGCTTCTCATAT
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TCT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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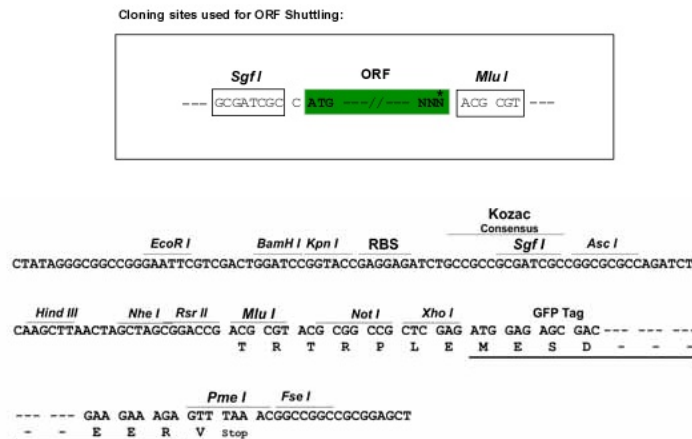
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237777
 Blue=ORF Red=Cloning site Green=Tag(s)

MARSLCPGAWLRKPYLQARFSYVRMKYLFFSWLVVFGSWIIYVQYSTYTELCRGKDCKKIICDKYKT
 GVIDGPACNSLCVTETLYFGKCLSTKPNNAKLGDQGNLSELVNLILTVADGDKDQVSLGEAKSAWAL
 LQLNEFLLMVILQDKEHTPKLMGFCGDLVYMESVEYTSLYGISLPWVIELFIPSGFRRSMDQLFSPSWP
 RKAKIAIGLLEFVEDVFHGPYGNFLMCDTSAKNLGYNDKYDLKMVDMRKIVPETNLKELIKDRHCESDL
 DCVYGTDCRTSCDQSTMKCTSEVIQPNLAKACQLLKDYLRLGAPSEIREELEKQLYSCIALKV TANQME
 MEHSLILNLLKTLWKKISYTND
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001252270

ORF Size: 1107 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).

RefSeq: [NM_001252270.1](#), [NP_001239199.1](#)

RefSeq Size: 2426 bp

RefSeq ORF: 1110 bp

Locus ID: 388650

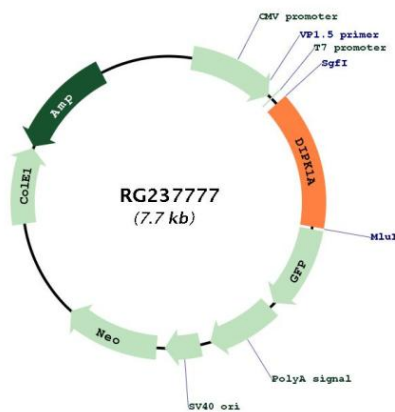
Cytogenetics: 1p22.1

Protein Families: Transmembrane

MW: 42.6 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]

Product images:



Circular map for RG237777